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mons' 'xudos est price'par sizore 'glanbury de vouloir bien acceptarsicet lione cornen un tesuoin de sos estivie ponticuliè. a Loubres be y de maci isb

## Monday $13^{\text {th. }}$ of April 1668.

At a Meeting of the Couhcil of the ROYALSOCIETY:

Ordered,
That the Difcourfe prefented to the Royall Society, Entituled, An Effay towards a Real Character, and Philofophical Language, be Printed by the Printer to the Royal Society.

## BROUNCKER Pref.




## To the Right Honourable

# W I L L I A M LORD VISCOUNT BROUNCKER, 

## PRESIDENT;

Together with the reft of the COVNCIL and FELLOWS of the ROTAL SOCIETY.

My Lord,


NOW at lengtb prefent to your LordJbip tbofe Papers I bad drawon up concerning a Real Charicter, and a Philofophicall Language; wobich by feverall Orders of the SOciety bave been required of Me. I bave been the longer about it,partly becaufe it required fome confiderable timie to reduce the Collections I bad by me to tbis purpofe, into a tolerable or-' der; and partly becaufe moben this wook woas done in Writing, and the Impreffon of it well nigb finibed, it bapned (among/t many otber better tbings) to be burnt in the late dreadfuill Fire; by which, all that wos Printed (excepting only trwo Copies) and a great part of the unprinted Original mas deftrojed: The repairing of wobich, bath taken up the greateft part of my time ever fince. I mention this by paay of Apology for tbat flacknefs and delay, I may feem to be guilty of in my obedience $\therefore$ to your Orders.

I am not $\int 0$ vain as to think that I bave bere completely finifbed this great undertaking, witb all the ad= vantages of mbich fuch a defign is capable. Nor on the otber band, am I So diffident of this Effay, as not to believe it Juficient for the bufinefs to wobich it pretends, namely the diftinct expreffion of all things and notions that fall under dif courfe.

1 am fenfible of fundry defects in the feverall parts of this Book: And therefore would make it my bumble motion to your Lordhip and tbis Society, tbat you would by your Order appoint fome of our number, tborougbly to examin os confider the wobole, and to offer their tboughts concerning zobat they judge fit to be amended in it. Particularly in thofe Tables tbat concern the fpecies of Natural bodies; wbich, if they were ( ( o far as they are yet knowon and dijcovered) diftinctly reduced and defcribed, This would very much promote and facilitate the knowsledg of Nature, mbicb is one great end of your Infitution. And befides, the ranging of tbefe tbings into fucb an order as tbe Society Jball approve, roould afford a very good metbod for your R epofitory, botb for the difpofal of robat you bave already, and the fupplying of robat you roant, towards the compleating of tbat Collection, $\mathrm{S}_{0}$ gerieroully begun of late, by the bounty of Mr. Daniel Collwal, a morthy Member of this Society. And by tbis means, I foould not doubt, but tbat in a very fbort fpace, you moould bave tbe moft ufefull Repofitory in the World.

It is no eafie undertaking to Enumerate all jucb matters as are to be provided for in fuch a defign; But the bufinefs. of Defining, being amongfitl athers the moft nice and difficult, muft needs render it a very bard task for any one to attempt the doing of this, for all kinde of: Things,

## Dedicatorit.

Things, Notions, and Words, wobich yet is neceffary to the defign bere propofed.

Upon mbicb account I may be excufed for being so follicitous about the affifance of others in thefe matters, becaufe of their great difficulty and importance: The compleating of fucb a defign, being ratber the noork of a College and an Age, then of any fingle Perfon: I mean; the combined Studies of many Students, amongft robom, the feverall Sbares of fuch a Work Jould be diftributed'; And tbat for fo long a courfe of time, wherein fufficient experiments might be made of it by practice.

It bas been fayd concerning tbat famous Italian Aca:demy fyled de la Crufca, conffing of many cboice Men of great Learning, that they beftoped forty years in fi. nifbing their Vocabulary. And'tis well enough known, tbat thofe great Wits of the French Academy, did begin their Dictionary in the year 16 39. And for the baftning of the Work, did difribute tbe parts of it amongst feverall Committees; and yet that undertaking is (for ougbt I can under(tand) far enough from being finifbed.

Nons if tbofe famous Afemblies confiting of the great Wits of their Age and Nations, did judge this Work of Dictionary-making, for the polibing of their Language, worthy of their united labour and ftudies; Certainly then, the Defign bere propofed, ougbt not to be tbougbt unmortby offucb affytance; it being as mucb to be preferred before tbat, as things are better then words, as real knowledge is beyond elegancy of fpeech, as the general good of mankind, is beyond that of any particular Countrey or Nation.

I am very Senfible tbat the moft ufefull inventions do at their firft appearance, make but a very flows progrefs in the World, unlefs belped formard by fome particular ad-
vantage. Logarithms pere an Invention of excellent Art and ufefulnefs; And yet it was a confiderable time, before the Learned Men in otber parts, did So farr take notice of them, as to bring them into nfe. The Art of Shorthand, is in its kind an Ingenious device, and of confiderable ufefulnefs, applicable to any Language, mucb wondered at by Travailers, that bave feen the experience of it in England: And yet tbougb it be above T breefcore years, fince it moas firft Invented, 'tis not to this day (for ougbt I can learn) brougbt into common praEfice in any otber Nation. And tbere is reafon enougb to expect the like Fate for the defign bere propofed.

The only expedient I can tbink of againft it, is, That it he fent abroad into the World, woith the reputation of baving bin confidered:and approved of, by fucb a Society as this; mobich may provoke, at leaft, the Learned part of the World, to take notice of it, and to give it fuch encouragement, as it Jball appear to deferve.

And if upon fucb an amendment and recommendation by this Society, the defign bere propofed, foould bappen to come into common ufe, It mould requite the Honour you befoos upon it, mpitb abundant Interef. The being Infirumental in any fuch difcovery as does tend to the Univerfal good of Mankind, being fufficient not only to make the Authors of it famous, but alfo the Times and Places mberein they live.

He that knows bons to eftimate, that judgment infliCled on Mankind in the Cuire of the Confufion, waith all the unbappy confequences of it, may thereby judge, what great advantage and benefit there mill be, in a remedy againft it. Men are content to beftow much time and pains in the Study of Languages, in order to their more eafy converfing woitb thofe of other Nations. 'Tis

## Dedicatory.

faid of Mithridates King of Pontus, that be woas skilled in Treo and twenty feveral Tongues, wobich were fpoken in the feveral Provinces under bis Dominion: W.bich, tho it were a very extraordinary attainment, yet bow fhort a remedy moas it againft the Curfe of the Confufion, confidering the vaft multitude of Languages that are in the World.

Befides that moft obvious advantage wobich would enfue, of facilitating mutual Commerce, amonig $f$ the $\int e$ veral Nations of the World, and the improving of all Natural knowledge ; It noould likervife very mucb conduce to the 乃preading of the knonoledge of Religion. Next to the Gift of Miracles, and particularly that of Tongues, ponpred out upon the Apofles in the firft planting of Cbriftianity, There is notbing that can more effeCtiually conduce to the further accomplifbment of thofe Promifes, wobicb concern the diffufion of it, tbrough all Nations, then the defign mobich is bere propofed.

To wobich it woill be proper for me to add, Tbat tbis defign woill likersife contribute much to the clearing of fome of our Modern differences in Religion, by unmasking many wild errors, that Jelter tbemfelves under the difguife of affected phrafes; mbich being Pbilofopbically unfolded, and rendered according to the genuine and natural importance of Words, moill appear to be inconfffencies and contradictions. And Several of tbofe pretended, my ferious, profound notions, expreffed in great fopelling woords, wobereby fome men fet up for reputation, being this spay examined, will appear to be, either nonfence, or very flat and jejune.

And tho it hould be of no otber ufe but tbis, yet were it in thefe days woell worth a mans pains and fudy, confidering the Common mifchiefthat is done, and the many
impoftures and cbeats that are put upon men, under the difguife of affected infignificant Pbrafes.

But mobat ever may be the iffue of this attempt, as to the eftablijbing of a real Cbaracter, and the bringing of it into Common ufe, amongt feveral Nations of the World (of mobich I bave but very flender expectations;) yet this I ball affert with greater confidence, That the reducing of all tbings and notions, to fuch kind of Tables, as are bere propofed ( perere it as compleatly done as it might be ) would prove the fborteft and plaineft way for the attainment of real Knowledge, tbat batb been yet offered to the World. And I Ball add furtber, tbat tbeje very Tables (as now they are) do feem to me a much better and readier courfe, for the entring and training up of men in the knowoledge of things, then any other poay of Inffitution that I know of; wbich I foould not prefume. to affert, before fuch able fudges as thofe of this Society, pere it not a thing I bad well confidered and woere convinced of.

I bave notbing furtber to add, but only the declaring my felf to be moft Zealoully devoted to the Honour and Welfare of the Royal Society,

And particularly (My Lord,)<br>Your Lordhips moft

Humble Servant,

Jo. VVilkins.


## TO THE

## READER.

IT'may perbaps be expected by fome, that I hould give an account of my ingaging in a Work of this nature fo wnfuitable to my Calling and Bufi: mefs.

For the fatisfaction of fuch, they may pleafe to take notice, that this Work was firft undertaken, during that vacancy and leafure wobich $i$ formerly enjojed in an Academicall fation, to mhich the endeavours of promoting all kind of ufefull know'edge, whereby Learning may be improved, is a very fuitable imployment. In the time of that daily and intimate converfe which $\dot{I}$ then injoyed, with that moft Learned and excellent Perfon Dr. Seth Ward, the prefent Bifhop of Salisbury. I had frequent occafion of conferring with bier, concerning the various Defiderata, propofed by Learned men, or fuch things as zoere conceioed yet manting to the advancement of feveral parts of Learning; amongft which, this of the Univerfat Character, zpas one of the principal, mof of which be bad wore deeply confidered, than any other Perfon that I knew. And in reference to this particular, be would fay, That as it was one of the moft ufefull, fo be judged it to be one of the moft feafible, amongft all the reft, if profecuted in a reqular way. Eat for all fuch attemps to this purpofe, mbich be had eitber feen or beard of, the Authors of them did generally miftake in their firf foundations; whilft they did propofe to themfelves the framing of fuch a Character, from a Dictionary of Words, according to forme particular Language, apitbont reference to the nature of things, and that common Notion of them, wherein Mankind does agree, which muft chiefly be refpectied, before any attempt of this nature con'd fignifie any thing, as to the main end of it.

It mas from this fuggefion of bis, that I firft bad any diffinct apprebenfon of the proper courfe to be obferved, in fuch an undertaking; baving in a Treatije I bad publifbed fome years before, propofed the Hebrew Tononic as confifting of fermeft Rudicals, to be the fitteft ground woork fur fuch a defign.

Befides the many Private confcrences to this purpofe, I muf not forget to mention, that Publique account which be bath given to the World, of bis thoughts upon this fubject, in that Learned and Ingenious difcourfe fyled Vindicix Academiarum; whercin be endeavours to Vindicate thofe Ancient and famous Schools of Learning, from fuch reproaches, mobercby fome Ignorant and illsatured men (taking the advantage of thofe bad Times) mould bave expofed them to contempt and ruine. In which Treatife there is mention made of fone confiderable preparations, tumards the Defign bere propofed, wohich if his other necellary imployments would have permitted bim to bave profecuted, woculd mithout doubt, long ere this, have been advanced to as great a Perfection, as the firft Effay info difficult a matter coald bave attained.

It was fome confiderable time after this, before I had any thought of attempting any thing in this kind: The firf occafion of it poas, from a defire I bad, to give fome alfiftance to anotber perjon, wobo woas willing to ingage in this defign of framing a real Character, from the Natural notion of things; for the belping of wobom in fo morthy an undertaking, $I$ did offer to draw up for hime, the Tables of Subftance, or the ßpecies of Natural Bodies, reduced under their feveral Heads; which I did accordingly perform, much after the fame Method, as they are bercafter fet down: Though in the doing of it, I found much more labour and difficulty, then I expected, woben I undertook it. But be for woom I had done this, not liking this method, as being of too great a Compafs, conceiving that be could fufficiently provide for all the chief Radicals, in a much briefer and more eafy way, did not think fit to make ije of thefe Tables. Upon mbich, being my felf convinced, That this which I had begun, was the only cowref for the effecting of fuch a work, and being withal unwilling to loofe fo much pains as I bad already taken towards it, I refolved (as $m y$ leafure soould permit) to go on woith the other Tables of Accidents. And mben after many reviews and changes $I$ bad reduced (as wrell as I could) into thefe Tables, all fimple things and notions, by a Confideration of them à Priori, I then judged it neceflary to attempt the reduGion of all other Words in the Didtionary to thefe Tables; either as they were Synonymous to them, or to be defined by them, wobich would be a means to try the fulwefs of thefe Tables, and confequently to Jupply their defects; And befides a great belp to Learners, who without fuch a direction, might not perbaps at firf be able to find oxt the true place and notion of many Words.

For the farther compleatiug of this Work, 1 found it neceffary to take into confideration, the framing of fuch a Natural Grammar ${ }_{2}$ as might be frited to the Philofophy of speech, abfiralling from thofe many uwnecefary rules belonging to infituted Language; which proved a matter of no fimall difficulty, confidering the little belp to be had for it, from thofe fero Authors moho bad before undertaken to do any thing in this kind.

In the doing of thefe things, I bave not neglected amy belp that I could procure from others, and mujt acknowledge my felf much ingaged to fundry Learned Men of my acquaintance, for their directions, and furtherance in fuch matters, as pere moft fuitable to their feveral Studies and Profeffrons.

Amongft the reft, I muft not forget to make particular mention of the ßecial adjitance I bave received, in drawing up the Tables of Animals

## To the Reader.

from that most Learned and Inqmifitive Gentleman, a noorthy Merzber of the Royal Society, Mr? Francis Willoughby, who bath made it his particuilar bufinefs, in bis late Travails through the moft confiderable parts of Europe; to inquire after and underftand the feveral 乃pecies of Apimals, and by his own Obfervations is able to advance tbat part of Learning, and to add many ihings, to what bath been formerly done, by the moft Learned Authors in thits kind.

And as for thofe moft difficult Tables of Plants, I bave received the like a/fiftance, from ore of Bis Companions in Travail, Mr. John. Wray, Late Fellows of Trinity Colledge in Cambridge, who befides his other gexeral Kuovoledge, bath with great facceß applyed bimfelf to the Cultivating. of that part of Learning.

And as for the principal difficulties, wobich I mets with in any other part of this Work, I.muft acknosoledge my felfobliged to the continual alfoftance I bave bad, from my moft Learned and wrorthy Friend, Dr. William. Lloyd, then ubhom ( Sofar as Iam able to judge,) this Nation could not. bave afforded a fitter Perfon, either for that great Indufiry, or Accurate judgment, both in Philological, and Philofophical matters, required to fuch a Wark. And particularly I muft wholy afcribe to bim that tedious and difficult task, of Juting the Tables to the Didtionary, and the drawing up of the Dictionary it felf, which upon tryal, I douk not, will be found to be the moft perfect, that whes cver yet made for the Englihh Tongre.

And bere I think it prpoer to give notice that there are feveral Words mentioned in the Dictionary, and frequently ufed amongf fome Authors, mobich are yet very quefionable ar to their fitnefs and propriety: Each of thefe mere in the Original Coppy marked with an Afterisk, for the better diftinction of them; but by fome overfight, thefe marks bave been omitted in the Im. preflen.

If apy fhall fuggef, that fome of the Enquiries bere inffed upose (as particilarly thofe about the Letters of the Alphabet) do feem too minute and trivial; for any prudent Man to befow. bis ferious thoughts and time about. Such Perfons may knows, that the difcovery of the true nature and caufe of any the moft minute thing, doth promote real Knowoledge, and therefore cannot be unfit for any Mans endeauours, sobo is willing to contribute to the advancement of Learning. Upon which Acconnt fome of the moof eminent Perfons, in feveral Ages, woho were Men of bufinefs, bave not difdained to befowo their pains about the Firf Elements of speech.

Julius Cxfar, is faid to bave woritten a Book de Analogia. And the Emperour Charles the Great, to bave made a Grammar of bis vulgar Tongue. so did St. Bafil for the Greek; and St. Auftin for the Latir, both extant in their Works.

Befides divers of great reputation both Ancient and Modern, wobo bave Writter whole Books on purpofe, concerning the juft Number of the Letters in the Alpbabet ; Others have applyed their difquifitions to fome particular Letters: Meffala Corvinus', a Great Man, and a famous Orator amongft the Romans, Writ a Book concerning the Letter S. Adamantius Martyr, was tbe Autbor of another Book, concerining the Letters.V. and B, Our Learned Gataker has Publijhed a Book concerning Dipthongs. And Jovianus Pontanus effecmed a Learmed Nan, bath Troo Books de Adfiratione,or the Lefiser $\mathrm{H}_{\text {: }}$.

## The Episting, ©uc.

Mr. Franklyn bath publifhed a particular Dijcourfe concerning Accents, 'AndErycius Puteanus bath Written a Book purpofely, Hic Inter punctione, of the true way of Pointing Clanfes and Sewtences. And thefe Generally beell efteemed for their great .ufefulnefs in the Promoting of Learxing: Whith way be a fufficient Vindication againgt any. Prejudices of this Nature.

## THE

## CONTENTS.

## The Firf Part Conitaining the Prolegomena.

## CHAPTER, I.

I. TMHE Introduction. II. The Otiginal of Languages. III. The Firtt Mother Tongues. IV.Their leveral Offsprings. Pages 1

## CHAP. II.

1. Concerning the various Changes and Corruptions, to which all vuigar Languages are obnoxiouls. II. Particularly concerning the Change of the Englifh Tongue. III. Whether any Language fortherly in ufe, be now wholly loft. IV. Concerning, the firf rife and occalion of New Languages.

## CHAP. III.

1. The Original of Letters and Wricing. II. That all Letters were derived from the Hebrew. III. The ufe of Letters is lefs Antient, and the Kinds of them lefs numerous, than of Languages themfelves? IV. Of Notes for fecrecy or brevity. V, Of a Real Character. VI. Of Alphabetsin General.

> CHAP. IV.

1. Of the defects in Common-Alphabets, as to the true Order of the Letters, II. Their juft Number, III. Determinate Powers, V. Fitting Names, V. Proper Figures, VI. Of the Imperfections belonging to the Words of Languages, as ta their Equivocalnefs, Variety of Synionymious Words, Uncertain Phrafeologies, Improper way of Writing.

> СНАР. V.
pag. 14
I. That neither Letters nor Languages, have been regularly eftablifhed by the Rules of Art. II. The Natural ground or Principle. pf the feveral ways of Communication amifongft Men. IIII. The firft thing to be provided for, in the eftablifhing of $a$ Philofophical Character or Language, is a jult enumeration of all fuch Things and Notions, to which Names are to be afligned.

## Tbe Second Part Containing Univerfal Philofophy.

## CHAPTER. L

1. ${ }^{\text {I }} \mathrm{HE}$ Scheme of Genus's. II. Concerning the more General Notions of Things, The difficulty of Eftablifhing thefe aright. III. Of Tranfendentals Genetal. IV. Of Traafcendentals Mixed.

## The Contents of the Chaptirs.

## Y. Of Tranfenderal Relations of Action. VI. Of the feveral Notons belonging to Grammar, or Logic. Page, 2m

$$
\text { С } \mathrm{H} \text { A P. II. }
$$

1. Concerning God. II. Of the feveral Things and Notions redacible under that Collective Genus of the World.

> CHAP. III.

1. Of Elements and Meteors. II. Of Stones, III. Of Metals. pag. 56

CHAP. IV.

1. Of Plants,The dificulty of enumerating and defcribing thefe. II. The more general diftribution of them. III. Of Herbs confidered according to their Leaves. IV. Of Herbs confidered according to their Flowers. V. Of Herbs confidered according to their Seed Veffels. VI. Of Shrubs. VII. Of Trees.

CHAP. $V$.

1. Concerning Animals, The General diftribution of them. II. Of Exanguious Animals. III. Of Fijhes. IV. Of Birds. V. Of Beafis. VI. A Digreffion concerning the capacity of Noab's Ark, pag. 12 I

CHAP. VI.
I. Of Parts of Animate Bodies,whether I. Peculiar,or II. General. p. 168

CHAP. VII.

1. Concerning the Predicament of Quantitice: I. Of Magnitude. II. Of space. III, Of neasuite.
pag.181
CHAP. VIII.
Concerning the Predicament of Qualit, and the feveral Genus's belonging to it. I. Of Natural Power. II. Of Habit. III. Of Manners. IV. Of senfible 2uality. V. Of Difcafe; with the various differences and fpecies under each of thefe.

CHAP. IX.
pag. 194
Of the Predicament of AEtion; The feveral Genus's under it, viz. I.spiritual ACIIom. II.Corporcal AClion: III: Metion. IV.Operation. P. 225

CHAP. X.
Concerning Relation more private, namely I. Oeconomical, or Family Relation; together with the feveral kinds of things belonging to thofe in that eapacity, either as II.Pofeflions, or III. Previfions. pag. 249

## CHAP. XI.

Concerning Relation more Publike, whether I. Civil. II. Fudiciary. III. Naval. IV. Military. V. Ecclefiaftical. pag. ${ }^{263}$

## - CHAP. XII.

I. A General Explication of the defign of the fore-going Tables. II. Particular Inftances in the fix principal Genus's of it. HI.Something to be noted concerning oppofites and Synonyma's. IV. An Account of what kind of things ought not to be provided for in fuch Tables. p. 28 g

## Tbe Tbird Part Containing Philofophical <br> Grammar:

CHAPTER. İ.

1. Oncerning the feveral Kinds and Parts of Grammar. il. Ơf Etymologie, The more general Scheme of Integrals and Particles. III. Of Nouns in General. IV. Of subfantives common; denoting either Things, ACFions, or Perfons. V. Rules concerning Nouns of ACtion. VI. Of subftantives Abfradts. VII. Of Adjellives according to the true Philofophical notion of them. VIII. The true notion of a Verb. IX. Of derived Aidverbs. X. A general Scheme of the forementioned Derivations. page, 297

## CHAP. Iİ.

I. Of Particles in General. II. Of the Copula. III. Of Pronokins more generally. IV. More particularly, V. Of Interjecfions more generally. VI More particularly.
P. 304

CHAP. IIII.

1. Of Prepofitions in general. 1I. The particular kinds of them enumerated. III. An Explication of the four laft Combinations of them, relating to Place or Time.
p. 309

CHAP. IV.
I. Of Adverbs in genetal. II. The particular kinds of them. III. Of Conjunctions.
P. 312

CHAP. V.
t. Of Articles. II. Of Modes. III. Of Tenfes. IV. The moft diftinct way of expreffing the differences of Time.
p. 315

CHAP. VI.

1. Of Tranfcendental particles, The end and ufe of them. II. The ufual ways for inlarging the fenfe of Words in inftituted Languages. III. The general Heads of Tranfeendental Particles. p. 318

## CHAP. VII.

Inftances of the great ufefulnefs of thefe Tranfeendental Particles, with directions how they are to be applyed.
P. 323

## CHAP. VIII.

Of the Accidental differences of Words. I. Infexion. IL. Derivation. III. Compofition.

CHAP. IX.
Of the fecond part of Grammar called Syntax.
p. 354

> CHAP. X.

Of Orthography. I. Concerning Letters. The Authors who have treated of this Subject. II. A brief Table of all fuch kiuds of Simple found, which can be framed by the mouths of Men. III. A further Explication of this Table, as to the Organs of Speech, and as to the Letters framed by thefe Organs.
P. 351

CHAP。


## Tbe Fourtb Part Containing a Real Character, and a Philolophical Language.

## CHAPTER 1.

The prapofal of one kind of Real Character ( amongft many other which might be offered) both for all Integrals, whether Genus's, Differences or species; together with the derivations and Inflexions belonging to them, as likewife for all the feveral kinds of Particles. page, 38 s
CHAP. II.
An Inftance of this Real Character, in the Lord's Prayer and the Creed.
p. 395

CHAP. III.
How this Real CharaCter may be made effable in a diftinct Language, and what kind of Letters or Syllables may be conveniently affigned to each Character.

CAHP. IV.
Inftance of this Philofohical Language, both in the Lord's Prayer and the Creed : A comparifon of the Language here propofed, with fifty others, as to the facility and Euphonicalnefs of it.
p. 42 I

CHAP. V.
Directions for the more eafy learning of this Character and Language, with a brief Table containing the Radicals, both Integrals and Particles; together with the Character and Language, by which each of them are to be expreffed.
p. 439

## CHAP. VI.

The Appendix containing a Comparifon betwixt this Natural Pbilofophical Grammzar and that of other Inftituted Languages, particularly the Latin, in refpect of the multitude of unnceceffary Rules and of Anomalifmes, concerning the Cbina Character: The feveral Attemps and Propofals made by others, towards a new kind of Character 'and Language. The advantage in refpect of facility, which this Philofophical Language hath above the Latin. p.44r

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## $E R R A T A$.

PA GEG.line17.Read Inslitzted by Art.p.15.1.9.r. 3.By af sigming, \&ec.p.16.1.in. (y) p. 2\%. 1.39. dele relief. p.32.1.43.dele poor. p.40.1. 28. r. defor. p. 41.1.21,22. add adminiffer; difprrf, diftribate Token, Fairing, to the preceding line. P. 70.1. 38.r.dryor.p.73.1.3.r.Laacinia. P. 91.1.7,8.r.of tbis Tribe. p.9 4.l.19.r.expand. p.97.1 21,331.r.Chichling. p.133.1.31.r. Oxyrbynchos. p. 134.1.48.r.Iozo. p. 139.1.18.Channe. P.147.1.20.r_Cariocataltes. p.150.1.20,2 I.r. Coccothrautes.p.
 1. More properly Organical ; Whetber fuch parts wetre $\{$ External; sjed for the \$enfes, \&ce.
p. 18 r.1. 40. atter fuperficies add impply-
\{Internal; mfod for Taßting, ©peaking, or Eating. ing a refpet is tbe fides or limiss of it. p. 29 1.l. 49 . dele the, 1. so.r. the word Change. p.292.1.22.r.Arts. p.2991 35.r.Lux.p.301.1.14.r. $\mathbf{1 m a n t i t y}^{\text {n.p.309.I.19.r.this.p.324.1. }}$ 38.r. jabber .p 346.1.29. r.Flat. p:368.1. 12. r, İis. p.390.1.8,9.r.appard, dowumward, above, 6 bero.


 1.2.dele 86. 1.6. t8̇alti. p 429 l.19.for 8, r.f.

## In the MARGIN.

 Bugula. p.95.Caryophyllata. p. 99. Scorpioides. Bupleurifolio. p.102. Caryophyllws.Afcywm. p.103. Chamadrys. p.104. V.ola. Hyofcyamus. p.106. Ebulus. p.109. Groffularia. P.108. Mahaleb.P.109. Philyrbea. Pyracautha. Ihymelaa. P. 115. Lawrocerajiss. p.1 16 . Pistacia. Corylus. p.123.Profcarabans. .p.142.Lencifcus. P. 148.Ruffa.Corylorum. P.150. Alamhr. Genchramms. P. 152. Trogledyces. P. 158. Qaxcllass
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Chap. I.

I. The Introduction. II. The Original of Lakguages. II I. Tbe firf Motber-songues. IV. Their feveral off-fprings.


N the handling of that fubject, I have here \$. I. propofed to treat of, I thall digeft the things which to me feem moft proper and material to be faid upon this occafion, into four parts; according to this following Method.

In the firt Part I hall premife fome things as Precognita, concerning fuch Tongues and Letters as are already in being, particularly concerning thofe various defects and imperfeGions in them, which ougbt to befupplyed and provided againft, in any fuch Language or Charaster, as is to be invented according to the rules of Art.

The fecond Part fhall contein that which is the great foundation of the thing here defigned, namely a regular enumeration and defcription of all thofe things and notions, to which marks or names ought to be affigned according to their refpective natures, which may be ftyled the Scientifical Part, comprehending Univerfal Philofophy. It being the proper end and defign of the feveral branches of Philofophy to reduce all things and notions unto fuch a frame, as may exprefs their natural order, dependence, and relations.

The third Part fhall treat concerning fuch helps and Inftruments, as are requifite for the framing of thefe more fimple notions into continued Speech or Difcourfe, which may therefore be ftiled the Organical or Infrrmental Part, and doth comprehend the Art of Natural or Pbilofopbical Grammar.

In the fourth Part I thall thew how thefe more generall Rules may be applyed to particular kinds of Characters, and Languages, giving an inftance of each. To which thall be adjoyned by way of Appendix, a Difcourfe fhewing the advantage of fuch a kind of Philofophical Character and Language, above any of thofe which are now known, more par-ticularly-above that which is of moft general ufe in thefe parts of the World; namely, the Latine.

Laltly, There fhall be added a Dicfionary of the Englifhe tongue, in which fhall be fhown how all the words of this Language, according to
the various equivocal fenfes of them, may be fufficiently exprefled by the Philofophical Tables here propofed.

I begin with the firft of thele.
5. II. The defign of this Treatife being an attempt towards a wess kind of Charaller and Language, it cannot therefore be improper to premife fomewhat concerning thofe already in being; the firlt Original of them, their feveral kinds, the various changes and corruptions to which they are lyable, together with the manifold defects belonging to them. This I hall endeavour to do in the former part of this Difcourfe.

There is fearce any fubject that hath been more throughly fcanned and debated amongit Learned men, than the Original ot Languages and Letters. 'Tis evident enough that no one Language is natural to mankind, becaufe the knowledge which is natural would generally remain amongft men, notwithftanding the fuperinduction of any other particular Tongue, wherein they might be by Art. Nor is it much to be wondred at, that the ancient Heathen, who knew nothing of Scri-pture-revelation, thould be inclined to believe, that either Men and Languages were eternal; or,that if there were any particular time when men did fpring out of the Earth, and after inhabit alone and difperfedly in Woods and Caves, they had at firft no Articulate voice, but only fuch rude founds às Beafts have; till afterwards particular Families increafing, or feveral Families joyning together for mutual fafety and defence, under Government and Societies, they began by degrees and long practice to confent in certain Articulate founds, whereby to communicate their thoughts, which in feveral Countries made feveral Languages, according. to that in the Poet,

Herat. lib, to Sat. $30^{\circ}$

Cùns prorepferunt primis animalia terris, Mutum of turpe pectes, glanden atque cubilia propter Ungnibus ob pugnis, deinfuftibns, atque ita porro Pugnabant armis, que poft fabricaverat ufks, Donec verba quibus voces ferfúfque not arent Nonináque invenêre; debinc abfafterc bello, oppida cepperunt munire, ơ ponere leges, Ne quisfur effet, neu latro, new quis adulter, \&c.

But to us, who have the revelation of Scripture, thefe kind of feruples and conjectures are fufficiently ftated. And 'tis evident enough that the firft Language was con-created with our firft Parents, they immediately underftanding the voice of God fpeaking to them in the Garden. And how Languages came to be multiplyed, is likewife manifefted in the Story of the Comfufiom of Babel. How many Languages, and which they were that §prang up at that Confufion, is altogether uncertain; whether many of them that were then in being, be not now wholly loft ; and many others, which had not the fame original, have not fince arifen in the world, is not (I think) to be doubted.

The moft received Conjecture is, that the Languages of the Confufion were according to the feveral Families from Noah, which were 70 or 72. though therebe very ftrong probabilities to prove that they were not fo many, and that the firft Difperfion did not divide mankind into fo
many
many Colonies. But now the feveral Languages that are ufed in the world do farre exceed this number. Pliny and Strabo do both make mention of a great Mart-Town in Colchos named Diofeuria, to which men of three hundred Nations, and of fo many feveral Languages, were wont to refort for Trading. Which, confidering the natrow compals of Traffick before the invention of the magnetic Needle, muft needs be but a fmall proportion, in comparifon to thofe many of the remoter and unknown parts of the world.

Some of the American Hiftories relate, that in every fourfcore miles Mr.cambdn's of that vaft Country, and almolt in every particular valley of Perm, the Remains. Inhabitants have a diftinct Language. And one who for feveral years travelled the Northern parts of America about Flerida, and could fpeak fix feveral Languages of thofe people, doth affirm, that he found, upon his enquiry and converfe with them, more than a thoufand different Languages amongtt them:

As for thofe Languages which feem to hate no derivation from, of dependance upon, or affinity with one another, they are ftyled Lingre matrices, or Mother-tongues. Of thefe Fofeph scaliger affirms there are cleven, and not more, ufed in Ewrape; whereof four are of more general and large extent, and the other feven of a narrower compafs and ufe. Of the more general Tongues:

1. The Greek was anciently of very great extent, not onely in Europe, but in Afia too, and Afric, where feveral Colonies of that Nation were planted; by which difperfion and mixture with other people it did degenerate into feveral Dialetts. Befides thofe four that are commonly noted, the Doric, Ionic, Eolic, Attic, Herodotus doth mention fouf feveral Dialects of the 1onic. The inhabitants of Rhpdes, Cyprus, Crete, had each of them fome peculiarity in their Language. And the prefent Coptic or Agyptian feems, both from the woords and the charaffer, to be a branch of this family, and was probably fpred amongtt that people in the days of Alexander the Great, upon his conquering of them :Though fome conceive that there were at leaft 30000 families of Greeks planted in that Country long before his time.
2. The Latin, though this be much of it a derivation from the Greek, (of which the now French; spanifh, and Italian are feveral off-fprings and derivations) had anciently four feveral Dialects, as Petrus Crinitus hews out of Varro.
3. The Tentotsic or German is now diftinguifhed into Upper and Loppir. The Jpper hath two notable Dialects. 1. The Dawih, scandiain, or perhaps the Gothic, to which belongs the Language ufed in Denmark, Normay, swedeland, and Ifland. 2. The Saxom, to which appertaip the feveral Languages of the Englifh, the 8cots, the Frifians, and thofe on the North of Elve.
4. The slavonic is extended, though with fome variation, through many large Territories, Aufcovia, Ruyfia, Poland, Bobemia, Vendalid, Croe. ria, Lithmania, Dalmatia; and is faid to be the vulgar Language ufed amongft 60 feveral Nations.

Gffiner. Mi: thridates, cap. 1!.
The Languages of leffer extent are, I. The Albamefe, or old Epirotic, now uled in the mountainous parts of epirks.
2. The Europaan Tartar, or Scytbian, from whichfome conceive our

Irijh to have had its original. As for the Turkiß Tongue, that is originally no other but the Afiatic Tartar, mixed with Armenian and Perfian, fome Greek, and much Arabic.
3. The Hungarian, ufed in the greateft part of that Kingdom.
4. The Finnic, ufed in Finland and Lapland.
5. The Cantabrian, ufed amongtt the Bifcaimers, who live near the Ocean on the Pyrene hills, bordering both upon France and Spais.
6. The Irifh, in Ireland, and from thence brought over into fome parts of Scotland. Though Mr. Camden would have this to be a derivation from the Welfh.
7. The old Gaulijh or Britih, which is yet preferved in Wales, Cormwoall, and Britain in France.

To this number Mr. Breremood doth add four others, vix.

1. The Arabic, now ufed in the fteep mountains of Granata; which yet is a DialeCl from the Hebrem, and not a Motber tongue.
2. The Cauchian, in Eaft-Frifeland.
3. The Illyrian, in the Ifle of Veggia.
4. The Fazygian, on the North fide of Humgary.

Geors. Ficrisi Epiftin Besberait Origines Gallic.

Befides this difference of Languages in their firft derivation, every particular Tongue hath its feveral Dialects. Though fudea were a region of a very narrow compafs, yet was it not without its varieties of this kind : witnefs the fory concerniag'shibboleth and sibboletb; and that of the Levite, who was difcovered by his manner of feeech; and S. Peter's being known for a Galilean. 'Tis fo generally in other Countries, and particularly with us in England, where the Northern and Weftern inhabitants do obferve a different dialect from other parts of the Nation, as may appear from that particular inftance mentioned by Verftegese. Whereas the inhabitants about London would fay, Inould eat more cbeefe if $I$ bad it. A Northern man would fpeak it thus, Ay fud eat mare cheefe gyn ay bad et. And a Weftern man thus, chud eat more cheefe am chad it.

Every one of thefe reputed Mother-tongues,except the Arabic, (and perhaps the Hungarian) was ufed in Europe during the time of the Roman Empire. But whether they were all of thers fo ancient as the Confufion of Babel, doth not appear; there wants not good probability to the contrary for fome of them.

It hath been the opinion of fome, particularly Boxbornius, that the scytbian Tongue was the common mother from which both the Greek, $L$ atin, German and Perfian were derived, as fo many Dialects; -and 'tis faid that Salmafius did incline to the fame judgment. And Pbilip Cluverivs conjectures, that both Germans, Ganls, spaniards, Britans, Swedes and Norvegians, did anciently ufe one and the fame Language. One principal argument ufed for this is, the agreement of thole remote Nations in fome radical words. Fofeph Scaliger obferves that the words, Fatber, Mother, Brother, Bond, \&c. are ufed in the Perfian tongue, with fome little variety, in the fame fenfe and fignification as they are ufed with us.
In Epif.- . And Busbequius relates, that the inhabitants of Taurica Cberfonefus have divers words in the fame fenfe common with us, as Wise, Silver, Corn, Salt, Fih, Apple, \&c. But this might be merely cafual, or elfe occafioned by a mixture of Colonies, and will not argue a derivation of one from another.
another. - So there are feveral words common to the Turks, Germans, Greeks, French, fometimes of the fame, and lometimes of feveral fignifi-

Boshors, Origin. Gallic. cations; which is not fufficient to argue that all thefe were of the fame Original.

Befides thefe Exropaan, there is likewife great variety of Languages in other parts of the world. As for the Hebrems Tongue, which is by many learned men fuppofed to be the fame that Abrabam learnt when he came into Canaan, to which that expreffion IJai. 19. 18. The language of Ca. maan, is thought to allude; this is fuppoled to be the firlt Mother tongue amongft all thofe that are now known in the world, from which there are fundry derivations, as the Cbaldee, Syriac, Punic, Arabic, Perfian. Ethiopic.

When the fews were in Captivity at Babylon, mixed with the Cbaldeaws for $7 \otimes$ years, in that tract of time they made up a Language diftinct fromboth, which is fometimes called Syriac, and fometimes cbaldee, and fometimes Hebrew. Thofe paffages in the Gofpel, which are faid to be in the Hebrew tongue, as Talitha Kwmi; Elobi, Elobi, Lamma Sabachthani, are properly Syriac; onely they are called Hebrem, becaufe that was the Language which the Hebrews then ufed. A great part of this syriac tongue is for the fubftance of the words Chaldee, and Hebrews for the fafrion, To degenerating much from both. . After the Captivity the pure Hebrew cealed to be vulgar, remaining onely amonglt learned men, as appears by that place in Nehem. 8. 7, 8. where we find the Priefts, upon reading of the Law to the people after their coming out of Babylon, were fain to expound it diftinctly to them, and to make them underftand the meaning of it; the common people, by long difufe, being grown ftrangers to the Language wherein twas written. So in our Saviour's time, the unlearned fews, whofe vulgar Tongue the Syriac was, could not underftand thofe parts of Mofes and the Prophets read to them in Hebrew every Sabbath-day. Which was the reafon of thole public fpeeches and declarations of any learned men, who occafionally came into the Synagogues, after the reading of the Law: though neither tuke 4 ss , Priefts, nor Levites, nor Scribes, yet was it ordinary for them to expound unto the people the meaning of thofe portions of Scripture that were appointed to be read out of the Hebrew, which the people did not underftand; and to render their meaning in Syriac, which was their vulgar Tongue.

As for fo much of the pure Hebreno as is now in being, which is onely that in the old Teftament, though it be fufficient to exprefs what is there intended, yet it is fo exceedingly defective in many other words requifite to humane difcourfe, that the Rabbins are fain to borrow words from many other Languages, Greek, Latin, Spanihh, \&cc. as may appear at large in Buxtorf's Lexicon Rabbinicum, and a particular Difcourfe written to this very purpofe by David Coben de Laraa And, from the feveral defects and imperfections which feem to be in this Language, it may be guefled not to be the fame which was con-created with our firft Parents, and fpoken by Adam in Paradife.

What other varieties of Tongues there have been, or are, in Afia,Africy or America, I fhall not now enquire.

Lets 13. 19\%

## CHAP. II.

1. Concerning the various changes and corruptions te wbicb all vulgar Languages are obnoxious. II. Particularly concerning the changes of the Englifh tongue. II I. Whether any Language, formerly in ufe, be sote mbolly loft. IV. Concerning tbe firftrife and occafion of weis Languages.

Brercwoal's Enquiries, chap. 2. \& 6. Greek Churches in their publick worfhip, the one for folemn, the other for common days, have been a long time unintelligible to that people ; fo much is the vulgar-Greek degenerated from its former purity.
Hifor, lib. 3. And Polibins teftifies, that the Articles of truce betwixt the Romanss and Carthaginians could farce be underftood by the moft learned koman Antiquaries 350 years after the time of their making.
ג. II.
Alex. Gill Logonom. Anglican. Pre. face.

The Liturgies of S. Bafil and S. Cbryfofom, which are yet ufed in the

If any Englifh man thould now write or fpeak as our forefathers did about fix or feven hundred years paft, we fhould as little underffand him as if he were a forciner; of which it were eafie to give feveral proofs

THere are three Queres which may deferve fome farther difquifirion. 1. Whether the pureft of thofe Mother-tongues, which yet remain, be not now much changed from what they wereat the firft Confufion. 2. Whether and how any of the Motber-tougnes have been quite lof fince the Confufion. 3. Whether and how other new Languages have fince arifen in the world. .

1. To the firft,Befides the common fate and corruption to which Languages as well as all other humane things are fubject, there are many other particular caufes which may occafion fuch a change: The mixture with other Nations in Commerce; Marriages in Regal Families, which doth ufually bring fome common words into a Court falhion 5 that affectation incident to fome eminent men in all ages, of coining new words, and altering the common forms of fpeech, for greater elegance 3 the neceflity of making other words; according as new things and inventions are difeovered. Befides, the Laws of forein Conquefts ufually extend to Letters and Speech as well as Territories; the Vitor cotnmonly endeavouring to propagate his own Language as farre as his Dominions; which is the reafon why the Greek and Lation are fo univerfally known. And when a Nation is overfpread with feveral Colonies of foreiners, though this do not a lwaies prevail to abplijh the former Language, yet if they make any long abode, this mult needs make fuch a confiderable change and mixture of fpeech as will very much alter it from its original Purity.

Thofe tearned Languages which have now ceafed to be enlgar, and remain onely in Books, by which the purity of them is regulated, may, whilft thofe Books are extant and fudied, continue the fame withour change. But all Languages that are vulgar, asthofe learned ones formerly were, are upon the fore-mentioned occafions, fubject to fo many alterations, that in traCt of time they will appear to te quite another thing then what they were at firfl.

## Chap. II. The Alterations of Languages.

by inftance, if it were not inconfiftent with my prefent defign of brevity. What the Saxons Language was at their firt arrival into England about the year 440 , doth not appear ; but'tis moft probable that the changes and differences of it, have been fomewhat proportionable in feveral Ages.

About the year of Chrift 700 the Lord's Prayer in Englifh was thus rendred:

Uren fader thic arth in heofnas, fic gehalgud thin noma: to cymeth Cambden's thin ric: fic thin willa fue is in heofnas and in eortho. Urenhlafofer Remains,

- wirtlic fel us to daeg; and forgef us fcylda urna, fue we forgefen fcyld- pag. 23. gum urum; and no inlead ufith in cuftnung. Ah gefrig urich fromifle. Amen.

About 200 yearsafter, it was changed thas:

Thu ure fader the eart on heofenum. Si thin nama gehalgod. Cum thin ric. Si thin willa on eorthen fwa, fwa on heofenum. Syle us to dæg

Liffe's saxon
Monuments:
urn dxgthanlicanhlaf. And forgif us ure gyltas fwa, fwa we forgifath tham the with us agyltath. And ne led the us on coftnung. Ac alys us from yfie. Si it fwa.

About the fame time it was rendred in the Saxon Gofpels, faid ta be Tranflated by King Alfred, after this manner.

Fæder ute thu the earth on heofenum, fi thin nama Gehalgod to be cume thin Rice, Gewurthe thin willa on eorthan fwa fwa on heofnum, urne ge dæghwanlican hlaf fyle us to dxg. And forgyf us ure gyltas, fwa fwa we forgivath urum gyltendum. And ne gelxdde thu us on coft nung. Ac Alyfe us of $y$ fle.

About 260 years after, in the time of King Henrj the $2!$, it was rendred thus, and fent over by Pope Adrian, an Emglijh-man, turned into meter, that the people might more eafily learn and remember it.
are fapyz in beaden ticb;
che name be balle de ener lich, (Tbau bing us the mictbell biffe t
als bit in beauen p.Due, sfuat in yearth beene ft alco. e bat boly bean that laftety ap, choulend it oug this fike vap, forgibe aus all that fue babe boit, gas tue fozefuet uch atber mon: I2e let ous fall into no founaing, Ge fiteld ous fto the fowle tbing, Gmen.
And about a hundred years after, in the time of Henty the thitd, it was rendred thus:
jfader tbat art in beabin bliff,
(2Tini.belge uam ft marth the bitife,
Cumeth and mot tye kingoom,
Cbill boip will it be all don,
Int beatuell and furedy alfo,
So it fiall bin full well 3c tro:
©(f) ug all bzeas ontbis map,
gand fazsif us uee finnes,
Gs be daure mider mimes:
Let us uot in fanding fall,
Dac frocuil thu fyloug ali. smen. About

About two hundred years after this in the time of Henry the VI. (as appears by a large manufcript Velume Bible in the Oxford-Library, faid to have been this Kings, and by him to have been given to the Carthuf6: wns in London; ) It was rendred thus.

Oure fadir that art in hevenes, halewid be thi name, thi kingdom come to thee, be thi wil don in eerthe, as in hevene, give to us this day oure breed over othre fubftanc, and forgive to us oure dettis, as we forgiven oure dettouris, and lede us not intotemptation, but delivere us from ivel. Amen.
In another M.S. of Wickliffes Tranllation, who lived in Richard. the $2^{\text {ds }}$ time, it is rendred with very fmall difference from thist

About a hundred years after this, In a Bible fet forth with the Kings licens, tranllated by Thomas Mathem, and printed in the year 1537, it was rendered thus :

O oure father which arte in hevén halowed be thy name. Let thy kingdome come. Thy will be fulfilled, as well in erth, as it is in heven, Geve us this daye oure dayly bred. And forgeve us our treafpafes, even as we forgeve oure trefpacers. And lead us not into temptacion, but delyver us from evyll. Amien.

After the fame manner it is rendered in the Tranflation of William Tyndall, with fome little differences in the fpelling.

This one inftance may fufficiently manifeft by what degrees this Language did receive its feveral Changes, and how much altered it is nons from what it bath been, and confequently what is to be expected in $f u$ ture times. Since Learning began to flourifh in our Nation, there have been more then ordinary Changes introduced in our Language : partly by new artificial Compofitions; partly by enfranchijing ftrange forein words, for their elegance and fignificancy, which now make one third part of our Language; and partly by refining and mollifying old words, for the more eafie and graceful found: by which means this laft Century may be conjectured to have made a greater change in our Tongue, then any of the former, as to the addition of new words.

And thus, in all probability, muft it have been with all other vu'gar Languages. So that'tis not likely that any of thefe Nother-tongues now in being, are the fame that they were at the firt Confufion. So true is that of the Poet :
Horat. de arte poëtica.

Vt Sylvia foliis pronos mutantur in annos,
Prima cadunt; ita verborum vetus interit atas,
Et, juvenum ritu, forent modo nata vigentque.
Et, juvenum ritu, florent modo nata vigentque.
Debemur marti nos noftrdque----
And a little after,
Multa renafcentur qua jam cecidere, cadentque
Que nunc funt in bonore vocabula, fivolet ufus;
Quem penes arbitrium eft, of vis, ©̛ norma loquendi.
ऐ. III.
2. As to the fecond Quere, Whether any of the Ancient Languages be now quite loft; it may be anfwered, That if in fome few hundrede of years a Language may be fo changed as to be fcarce intelligible; then, in a much longer tract of time it may be quite abolifhed, none of the moft radical and fubftantial parts remaining: For every change is a gradual corruption.

Before the flourifhing of the Raman Empire, there were feveral native indou. Vives Languages vfed in Italy, France, Spain. In Italy we read of the Me/Japi- Annorin Aman, the Hetrufcan, the Sabime, the Ofcan, the Hetrurian or Tufcan Langua- fiff. Civ.Dei, ges; which are now thought by Learned men to be utterly loft, and no- $1 ;$. where to be found in the World.
'Tis probable that there was not onely one Language in fo valt a Ter- Brerevood's ritory as Frawso, but that feveral Provinces \{pake feveral Languages: Enquiriss But what thofe Languages were, or whether yet extant, is uncertain: As for the Celta, who, inhabiting the inner part of the Country, were lefs fubject to forein mixtures, 'tis molt probable that their Language might be the Britifh or Wellb, which is yet fpoken in fome pares of France. Casfar De BelloGil: reports that the Gauls were wont often to pafs over into Britain, to be lico, lib. 6 . inftructed by the Drmids, amongft whom there was then no ufe of Books or Writing, and therefore they muft communicate by Difcourle. And Tacions affirms that the Speech of the Britifa and Ganls, differed bus little.

It is conceived that one of the ancient Tongues of spain was the Cantabrian, which doth now there remain in the more barren mountainous, inacceffible parts, where Conquerors are lefs willing to purfye, or defirous to plant ; as our Britif) doth in Wales. But 'tis probable that there might be feverat other Languages befides this in fogreat'a Contineat, as well as in Iraly, which are now wholly loft and unknowni
3. Asto the third Quere, concerning the firg Rife and occation of $\&$ IV new Languages, that may be fufficiently anfwered by what was before fuggefted, concerning thofe many particular emergencies which may contribute to the introducing a change in Languages.

Somethink that the Italians, Spaniardsand French, after they were totally fubdued by the Rowans, and planted with their Colonies, did, after, a certain fpace of time, receive the Latin Tongue as their moft vulgar Speech, and retained it; till afterwards, being feveral times overrun by the Northern barbarous Nations, the Goths and Vandale, and other Tribes of the Germans, who mixed with them, and after feveral Conquefts refided amongft them, fometimes $20,60,200$ years together; this afforded time enough for fuch a thorough coalition betwixt them and the Na tives, as could not but introduce a great change in the common Language, whilf the Nations were forced to attemper their Speech for the mutual underftanding of one another.

Others conceive that thofe Countries did not at firft perfectly receive the Latin from the Romans, but did onely make ufe of the pont principal radical words; neglecting the Grammatical rules of compofition and inflection, and withall varying the way of prownuciation, according to the unufualnefs and difficulty of feveral founds to feveral Countries: And that this was the firft and chief occafion of thofe various Medleys or feveral Dialects now in ufe; which were afterwards fornewhat farther changed from their Originals, by thofe feveral Imandations of the Baris barians.
'Tis not much material to difpute, which of thefe caufes had the priut cipal influence in the extraction of thefe modern Tongues, fo long as 'tis granted that both of them might contribute and fuffice for this effect. Asfor our prefent Englifh, this feems to be a mixture of the Britifh, Re-

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\text { C } \max _{j}
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cambden's Remains.

man, Saxon, Danifh, Norman, according to the feveral viciffitudes of Plantations and Conquefts, that this Nation hath undergone. And according as fuch Conquefts have been more or lefs compleat and abfolute, to have the Languages been more or lefs generally altered: which is the reafon why the Saxon Tongue was by our progenitors more fully introduced in England, then either that of the Franks amongit the Gauls, or that of the Goths or Lumbards in Ital,, or that of the Gotbs, Vandals or Moors in Spain.

That which feems to be the neweft Language in the World, is the Malayan, which is now as general and common amongft the Natives of the Eaff-Indies, as Latin or French is in thefe parts of the World. 'Tis faid to be but of late invention, occafioned by the concourfe of Fifhermen from Pegn, Siam, Bengala, and feveral other Nations, who meeting together at a place convenient for Fifhing, and finding that it was by fituation expeeding commodious for Traffick from feveral parts, did agree to fettle there a Plantation; and accordingly built the Town of Malacca, which hath fince, for many years, been governed by the Portugnez, and is now under the power of the Hollander. And, for the more facil cossverfe with one another, they agreed upon a diftinct Language, which probably was made up by felecting the moft foft and ealy words belonging to each feveral Nation. And this is the onely Language (for ought I know ) that hath ever been at once invented; if it may properly be Ityled 2 diftinct Language, and not rather a Medley of many. But this being invented by rude Fifhermen, it cannot be expected that it fhould have all thofe advantages, with which it might have been furnilhed by the rules of Philofophy.

I know that the Learned Golims doth affirm the Cbina Language to be

Additamen-
tum de Reg. no . asaya. invented by Art; but, upon the beft difcovery to be made of it at this diftance, from thofe who have lived many years in that Country, and pretend to underftand the Language, it appears to be fo exceedingly equivocal, and in many refpects fo very imperfect, that there is little reafon to believe it had any fuch Original.

## CHAP. III.

I. The Original of Letters and Writing. I I. That all Letterswere derived from the Hebrew. II I. The ufe of Letters is lefs ancient, and the kinds of them lefs numerous, then of the Languages themfelves. IV. Of Notes for Secrecy or Brevity. V. of real Characters. V I. of Alpbabets in general.
Q. I. ETAving laid down this brief and general View of Languages, 'tis requifite that fomething fhould be alfo premifed concerning Letters, the Invention of which was a thing of fo great Art and exquifitenels, that Tully doth from hence inferr the divinity and fpirituality of the humane foul, and that it mult needs be of a farr more excellent and abftracted Effence then mere Matter or Body, in that it was able to reduce all articulate founds to 24 Letters.

Thoughthe Scripture doth not mention any thing concerning the invention of thefe; yet 'tis moft generally agreed, that Adew, ( though not immediately after his Creation, yet) in procefs of time, upon his experience of their great neceflity and ufefulnefs, did firft invent the ancient Hebrew Charaeter : whether that which we now call the Hebrem, or elle the Samaritan, is a queftion much debated by fevaral Learned men, which if fhall not now inquire into, or offer to determine.

As for thofe particular A\$phabets which are by fome afcribed to $A d a m$, Callum Ori: Enoch and Noab, mentioned by feveral Authors, and in a late Difcourfe by entis. . Thomeas Bangins, they have fo little foundation in any probablereafon or ftory, that I thall not fo much as make any fatther mention of shem.

It hath been abundantly cleared upby many Learied men, that the ancient Hebrew Character hath the priority before any other now known; which is confirmed by the concurrent teftimony of the beft and noft mincient Heathen W/riters. And 'tis amongit rational arguments sone of the leaft, for the Truth and Divine Authority of Seripture, toponfider the zeneral concurrence of all manner of ewidence for the Antiquity of the Inebrew, and the derivation of all other Letters fron it.

Pliny affirns in one place, that the firlt imvention of Letters.ought to be afcribed unto the Affiriairs; and in another placelhe fainth, that under the name of syria he underftands the Regions which were Ityled Palefrive; fudea and Pbernicia; and in the fame Chapter be aforibes the imvention of Letters to the Pbemicians. So doth Lucanilikewide;

Pbonices primi (fame fi credimus) aufi
Manfurame rudibus vocem, figizare figuris.
With thefe agree - Herodotus, Strabo, blutarch, e Curtius, Mela, \& co. who all confent, that the Grecians did firf receive their Letters from the Phonicians by Cadmus, who lived about the time of Fofhua. And that the Punic or Pbenician Tongue was the Canaanitifh or the Hebrem, though fomewhat altered trom its original pronunciation, ( as is wont in tract of time to befall Colonies planted far from home, anongit Atran. gers, ) is fufficiently manifefted from the remainders of it that are extant in Plautus and other prophane Authors, as they are cited by the learned Bochart. And that the Pbonicians were Caneanites hath proof alfo in Scripture, becaufe the fame woman whoin Mark 7.26. is Ityled a syrophacnician, is faid Matth. 15.22. to be a Canaenite.

That the ancient Greek Character was of very near affinity to the Samaritan, and that the Latin Letters were of fuch an affinity to the Greek, and derived fromthem, being in a manner the fame with the ancient Ionic Letters, is made very plain by Scaligar, and owned by Plimy and Dionyfurs Halicarvaffenfis. And Tacitus dorh acknowledge chat the ancient Latio. Characters were in their hape and Gigure almaft the lame with the Greek. And as for the other Letters that gre known, namely, the ©yriac, Arabic, Eibiopic, Armenign, Coptic, Illyric, Georgian, Gothic, there is this cogent Argument to prove them so be of the fame Original, becaufe their Alpbabets do generally obferve the fame order of Letters, which, being in it felf exceedingly irrational, camot probably have any other reafon hut imitation, Except onely that of the drabs, faith Hermanwus Hugo, who, that they might not feem to bave borrowed Letters
5. II.

Grosius de Veritate Re: lig. lib. I.

[^0] cap. 56.
Lib.5.cap.ı2.

Bell. Pharal.
lib. 3 .
a Ierpfichore. Sympofiac. lib. 9 . c Hifior.dib. 4 . Scaliger. Ap: pendix de E mendat.
Temp. Brerewood's Enquiries ; ? chap. 7. Geograph: 1. 2.

## Animad verf.

 in Exulchizm, Anno 1617. Nat. Hif. lib. j. cap. 56. Hiffor lib. s. Annal. 11:[^1] Scribendi, cap. s .
from others, did purpofely difturb the order of the Alpbabet; to which he might have added the Etthiopic and Armenian.
§. I I I. There are two general things to be oblerved concerning thefe derived Letters. 1. That they are not of fo great Antiquity. 2. That they are not fo mumerous as Languages are.
I. They are not fo ancient, many Nations remaining a long while before they grew fo far civilized as to underftand the ufe of Letters, which to this day are not known amongft many of the American Nations, nor the Inhabitants of Lapland: and after they have been known, and of fome public ufe, it hath been yet a confiderable fpace, before perfons have written any Difcourfe in their own Language. 'Tis obferved by

Enquiries, chap. 5. Tfchudas of the German, and by Gemebrard of the Frencb Tongue, (faith Mr. Brerewood ) that 'tis not much above 400 years, fince Books began to be written in thofe Languages.
2. And becaufe the ufe of Letters in particular Countries is not fo ancient as Language, therefore are they not of fo mumerouskinds; feveral Nations taking up the ufe of Letters from their neighbours, and adapting them to their own Tongue. Thus the Spamif, French, Italian, German, Britijh, Emglifh, Irifh, \&cc. do all of themufe the fame Latine Character, it being probable that they had none of their own, before they learnt this of the Romans. The Coptic or Egyptian Character, ever fince Egypt came under the Dominion of Macedon, hath been the Greek, excepting only feven Letters proper to their Tongue, which the Greek Alphabet did not fufficiently exprefs; The Munfcevites likewife and the Ruyfians, the Georgians and Facobins, do ufe the Greek Character; the Perfians and Turks ufe the Arabick: though the Letters of any Tongue do not alwaies remain the fame, but are fubject to the like fate and mutability, to which Languages are expofed.

Befides this common way of Writing by the ordinary Letters, the Ancients have fometimes uled to communicate by other Notes, which were either for Secrecy, or Brevity.

1. For Secrecy: fuch were the Egyptian Hieroglyphicks, (as they are commonly efteemed) being the reprefentation of certain living Creatures, and other Bodies, whereby they were wont te conceal from the vulgar the Myfteries of their Religion. But there is reafon to doubt whether there be any thing in thefe worth the enquiry, the difcoveries that have been hitherto made out of them being but very few and infignificant. They feem to be but a llight, imperfect invention, futable to thofe firlt and ruder Ages; much of the fame nature with that Mexicas way of writing by Picture, which was a mere fhift they were put to for want of the knowledge of Letters. And it feems to me queftionable, whether the Egyptians did not at firlt ufe their Hieroglypbicks upon the fame account, namely, for the want of Letters.

Thofe waies of writing treated of by the Abbot Trithemiws, were likewife for occult or fecret communication: And though fome Learned men have fufpected and accufed him to have thereby delivered the Art of Magic, or Conjuring; yet he is fufficiently cleared and vindicated from any fuch prejudice in that very learned and ingenious Difcourfe de Cryptographia, under the feigned name of Gijfaves Selenus,

Chap. III. Of a Reall Cbaracter.
by which the noble Auther, the Duke of Lunenburg, did difguife his true name of Auguftus Lunáburgicws.
2. For Brevity : There were fingle Letters or marks, whereby the Romans were wont to exprefs whole words. Enniws is faid to have invented 1100 of thefe; to which number Tulliws Tyro, Cicero's Libertus, ( $\mathrm{O}^{-}$Irithemius de thers fay Cicero himfelf, ) added divers others, to fignifie the particles of Polygraphia. fpeech; after whom Pbilargyrus the Samian and Mecanas, added yet more. After thefe Annans Seneca is faid to have laboured in the regulating and digefting of thofe former notes; to which adding many of his own, he augmented the whole number to 5000 , publifhed by Janus Gruterus; though amongft his there are divers of a later invention, relating to Chriftian inftitutions, which have been added fince (as'tis faid) by S. Cyprian the Martyr. The way of writing by thefe did require a vaft memory and labour; yet it was far fhort of expreffing all things and Notions, and befides, had no provifion for Grammatical variations.

Of this nature is that short-band-woriting by Characters fo frequent with us in England, and much wondered at by Foreiners; which hath a great advantage for fpeed and fwiftnefs in writing; thble who are expert in it being able this way to take any ordinary difcourfe verbatim.

Befides thefe, there have been fome other propofals and attempts about a Real univerfal Cbaralter, that fhould not fignifie mords, but things and notions, and confequently might be legible by any Nation in their own Tongue; which is the principal defign of this Treatife. That fuch a Real Character is poffible, and hath been reckoned by Learned men amonglt the Defiderata, were eafie to make out by abundance of Teftimonies. To this purpofe is that which Pifo mentions to be fomewhere the wifh of Galen, That fome way might be found out to reprefent $\frac{H}{\text { Indiar, }}$ lib.4. things by fuch peculiar figns and names as fhould exprefs their natures; c. 3 . ut sophiftis eriperetur decertandi $\boldsymbol{O}_{0}$ calumniandi occafio. There are feveral other paffages to this purpofe in the Learned Verulam, in Voffus, in De Augment. Hermannus Hugo, \&c. befides what is commonly reported of the men of $\begin{aligned} & \text { lib.6. cap.r. } \\ & \text { rig.fcriben- }\end{aligned}$ China, who do now, and have for many Ages ufed fuch a general Chara- di, cap. 4, Cter, by which the Inhabitants of that large Kingdom, many of them of different Tongues, do communicate with one another, every one underftanding this common Character, and reading it in his own Language.

It cannot be denied, but that the variety of Letters is an appendix to the Curfe of Babel, namely, the multitude and variety of Languages. And therefore, for any man to go about to add to their number, will be but like the inventing of a Difeafe, for which he can expect but little thanks from the world. But this Confideration ought to be no difcouragement : For fuppofing fuch a thing as is here propofed, could be well eftablifhed, it would be the fureft remedy that could be againft the Curfe of the Confufion, by rendring all other Languages and Characters ufelefs.

It doth not appear that any Alphabet now in being, was imvented at $\rangle. \mathrm{V}$. once or by the rules of Art; but rather that all, except the Hebrem, were taken
taken up by Imitation, and paft by degrees through feveral Changes; which is the reafon that they are lefs complete, and liable to feveral exceptions. The Hebrew Character, as to the Ghape of it, thoughit appear folemn and grave, yet hath it not its Letters fufficiently diftinguifhed from one another, and withall it appears fomewhat harih and rugged. The Arabic Character, though it Thew beautiful, yet is it too elaborate, and takes up too much room, and canmot well be written fmall. The Greek and the Latin are both of them graceful and indifferent eafie, though not without their feveral imperfections.

Asfor the Exthiopic, it hath no lefs then 202 Letters in its Alphabet; namely, 7 Vowels, which they apply to every one of their 26 Confonants, to which they add 20 other alpirated Syllables. All their Characters are exceedingly complicated and perplexed, and much more difficult then thofe propofed in this following Difcourfe for the expreffing of things and notions.

This is faid likewife of the Tartarian, that every Character with them is a Syllable,having each of the Vowels joyned to its Confonant, as $\mathrm{La}_{\text {, }}$ $L e, L i, \& c$. which nuft needs make a long and troublefome Alphabet.

But it is not my purpofe to animadvert upon thefe Tongues that are lefs known,fo much as thofe with which thefe parts of the world are better acquainted.

## CHAP. IV.

I. The Defects in the common Alphabets, as to their true Order. II. Fugk Number. II I. Determinate Pomers. IV. Fitting Names. V. Proper Figures of the Letters. V I. The Imperfeđtions belonging to the Words of Langnage, as to their Eqxivocalneß, variety of Symonymons words, uncertain Pbrafeologies, improper way of Writing.
2. I. Ne feecial Circumftance which adds to the Curfe of Babel is that difficulty which there is in all Languages, arifing from the various Imperfections belonging to them, both in refpect of 1 . their firt Elcments or Alphabets, 2, their $W$ ords.

1. For Alphabets, they are all of them, in many refpects, liable to juft exception.
I. As to the Order of them, they are inartificial and confufed, without any fuch methodical diftribution as were requifite for their particular natures and differences; the Vowels and Confomants being promifcuoully huddled together, without any diftinction: Whereas in a regular Alphabet, the Vowels and Confonants hould be reduced into Clafles, according to their feveral kinds, with fuch an order of precedence and fubfequence as their natures will bear; this being the proper end and defign of that which we call Method, to feparate the Heterogeneous, and put theHomogeneous together, according to fome rule of precedency.

The Hebrewo Alphabet, (the order of which is obferved in feveral Scriptures, Pfal. 119 . and in the Book of Lamentations) from whence the others are derived, is not free from this Imperfection.

## 1. For their Number, they are in feveral refpects both Redundant, and \$. II. Deficient.

1. Redandant and fuperfluous; either 1. By allotting feveral Letters to the fame power and found. So in the Hebrem ( $D \propto \otimes$ ) and fo
 tin, $(C \& K)(F \& P h$.$) Or 2: by reckoning double Letters amongft$ the moft fimple elements of Speech : asin the Hebrewb 3'; in the Greek $\xi$ and 4 ; in the Lativ ( 2.Cu) (X.cs.) and 7 Confonant or Jod which is made up of ( $d z b$ ) by affigning feveral Letters to reprefent one fimple power, as th, $\mathrm{Jh}, \mathrm{\& c}$. So that none of thefe can regularly be reckoned amongft the fimple elements of Speech.
2. Deficient in other refpects, efpecially in tegard of Vomels, of which there are 7 or 8 feveral kinds commonly ufed, ( as I hall hhew afterwards) though the Latin Alphabet take notice but of five, whereof two, namely (iand $u_{\text {. }}$ ) according to our Englifh pronunciation of them, are not properly Vowels, but Dipbtbongs. And befides, that gradual difference amongft Vowels of long and hort is not fufficiently provided for. The Ancients were wont to exprefs a long Vowel by donbling the Character of it; as Amaabam, Nadta, Ree, Seedes,Sanctiffimiir, NLariinass: Vofius. though oftentimes the Vowel $I$, inftead of being doubled, was onely prolonged in the figure of it; as 㕃Itis, PIs o, vIVUs. For the ways ufed by us Englif for lengthning and abbreviating Vowels, viz. by adding E quiefcent to the end of a word for prolonging a Syllable, and doubling the following Confonant for the fortning of a Vowel, as Wane, Wann ; Ware, Warr, \&c. or elfe by inferting fome other Vowel, for the lengtbning of it,as Meat, Met; Read, Red, \&c. both thefe are upon this account improper, becaufe the fign ought to be where the foand is. Nor would it be fo fit to exprefs this by a diftinet Cbaraffer, becanfe it denotes onely an accidental or gradual difference, as by an Accent; the chief ufe of Accents, for which they are neceffary in ordinary feeech, being to fignifie Quantities and Elevations of voice.
3. For their Powers, they are very incertain, not alwaies fixed and determined to the fame fignification: which as to our Englifh pronunciation may be made to appear by abundance of Inftances both in the Vowels and Confonants.
I. As to the Vowels: It is generally acknowledged that each of them have feveral founds. Vocales omnes plurifona, faith Liplius. And the learned $V o f f i u s$ doth affure us, that the Ancients did ufe their Vowels in very
different wayes, aliquando temuius exiliuífue, nunc craffius, nunc interdifferent $w a y$
medio fono.
The power of the Vowel (1) treated of afterwards, is expreffed in writing no lefs then fix feveral waies; by
ऐ. III.
e. $\mathrm{He}, \mathrm{me}$, $\mathrm{lle}_{\mathrm{se}}, y e$.
ce. Thee, free, weee.
ie. Field, yield, 乃bield, chief.
ea. Near, dear, bear
eo. People.
i. Privilege.

So is the Power of the Vowel ( $\alpha$; ) as in All, aul, aw, fault; caugbt, brought.

De Lingue Anglicanx pronunciatione.
cafios safic, Gratia.

Prifian. yet differ from one another ficut corpus si awima, and ought by no means
'brought. Thefe are all various waies of writing the fame long Vowel ; befides which there are other diftinct waies of expreffing the fame Vowel when it is ufed fhort, as in the words of, for, \&c.

And for the Power of the Vowel ( $x$ ) that is likewife written five feveral waies.
o. To, who, move.
oc. Dee.
00. 'shoo, moon, maon.
on. Could, monld.
wo. Two.
And as for the Power of the Vowel (a) this alfo is written five feveral waies; namely, by the Letters
i. Sir, fir, frmament, \&c.
o. Hony, mony, come, fome, love, \&c.
os. Blood, flood.
w. Turn, burn, burtben.
on. Country, couple.
2. As to the Conjonants, thefe likewife are of very nacertain Powers: witnefs the different pronunciation of the letter ( $C$ ) in the word Circo, and ( $G$ ) in the word Negligence. Iknow 'tis faid that the letter ( $C$ ) before the Vowels $a, a, \alpha$, muft be pronounced like ( $K$, ) as in the words cado, coram, cudo ; and before the Vowels $e, i$, as $\delta$, as in the words cedo. cilium. But there is no reafon why it Thould be fo. Upon which accpunt our learned Country man, Sir Tho. Smith, doth juftly cenfure it as honsfirum litera, now litera; ignorantia Jpecimen, non artis; modd Serpens, modò cornix.

The letters $C, S, T$, are often ufed alike, to denote the fame Power, and that both in Exglifh and French; and the letter ( $S$ ) is moft frequently ufed for ( $Z$ ) which muft needs be very improper. And, which is yet more irrational, fome Letters of the lame name and thape are ufed fometimes for Vowels, and fometimes for Cenfonants; as $7, V, W, T ;$ which to be confounded.

To which may be added, that from this equivocal power of Letters, it fo falls out, that

1. Some words are diftinguihed in woriting, and not in pronunciation : as Selfio, Ce(fio; Sera, Cera; Servus, Cervus; Syrus, Cyrus; Boar, Bore; Come, Lat. Cum ; Done, Dun; Dear, Deer; Hear, Here; Heart,Hart; Meat, Mete; Son, Sun ; Some, Lat.Sum; Toes, Toze; Toc, Tove; To, Too, Tino.
2. Some words are diftinguifbed in pronunciation, but not in writing; as the words Give, i. Dare, Give, i. Vinculum; Get. i. Acquirere, Get, i. Gagates ; is and bis in Englijh, and is and bis in Latin. So the Latin word Malè, i. evilly, is a diffyllable; whereas the Emglifh word Male, which fignifies the mafculine Sex, is but a monofyllable. All which are very great incongruities, and fuch as ought to be avoided in any regular eftablifhment of Letters.
§. IV. 4. Their Names in moft Alphabets, are very improperly expreffed by words of reveral fyllables; as Aleph, Beth, Gimel, \&c. Alpha, Beta, camma, \&c. And thus it is in 15 feveral Alphabets mentioned by Her-
mannus Hngo. In which refpect the Roman Alphabet, and our Englijh, DeOrigine which follows it very near, are much more convenient then the reft, $\mathrm{c} . \mathrm{j}$. where each Letter is named fimply by its Power. Though herein likewife there be fome defects: for the letter $C$ fhould not be pamed See, but Kee; and $G$, not, as ufually we do, Fee, but $\mathrm{r} n$ : and fo $R$, to conform it with the reft, flould be called er, not ar; and $Z$ fhould be flyled ez, not zad.
3. Their Figures have not that correfpondency to their Natures and Powers which were defirable in an artificially-invented Alphabet, wherein the Vowels ought to have fomething anfwerable in their CharaZer untothe feveral kinds of Apertion which they have in their found. And fo for the Confonants, they fhould have fome fuch affinity in their Figures as they have in their Powers. 'Tis fo in fome of them, whether purpofely or cafually, I know not; as BP. bp. CG. SZ. and perhaps T D, $t$ d : but not in others.
To this may be added, the manner of moriting as to the Oriental Tongues,from the right hand to the left, which is as unnatural and inconvenient, as to write with the light on the wrong fide. The fews them- section de felves write their particular ftrokes of Letters from the left to the right cumini. L hand; and therefore it would be much more rational, that their words cap. ${ }^{46 .}$ flould be written fo too.

Befides thefe Defects in the ufual Alpbabcts or Letters, there are feve- $\rangle$. V I. ral others likewife in the Words of Language, and their Accidents and Conftructions.

1. In regard of Equivocals, which are of feveral fignifications, and therefore muft needs render fpeech doubfful and obfcure; and that argues a deficiency, or want of a fufficient pumber of words. Thefe are either abolutely lo,or in their figurative conftruction, or by reafon of Phrafeologies.

Of the firft kind there are great variety in Latin. So the word

$$
\text { Liвев.apud }\left\{\begin{array}{l}
\text { Literatos } \\
\text { Politicos } \\
\text { Oratores } \\
\text { Rufticos }
\end{array}\right\} \text { fignificat }\left\{\begin{array}{l}
\text { Codicem. } \\
\text { Libertate fruentem. } \\
\text { Filium. } \\
\text { Arboris corticem. }
\end{array}\right.
$$

So the word Malus fignifies both an Apple-tree, and Evil, and the Maft of a fhip; and Populus lignifies both a Poplar-tree, and the People, \&c. Befides fuch Equivocals as are made by the inflexion of words: as Lex, legis, legi; Lego, legis, legi: Sus, fuis; Suo, fuis; Suns,fuis: Amarè the Adverb; Amo, amas, amavi, amare; and Amor, amaris vel amare: with abundance of the like of each kind.

Nor is it better with the Englifh Tongue in this refpect, in which there is great variety of Equivocals. So the word Bill fignifies both a Weapon, a Bird's Beak, and a written Scroul: The word Grave fignifies both sober, and Sepulcher, and to Carve, \&c.

As for the ambiguity of words by reafon of Metaphor and Pbrafeology, this is in all inftituted Languages fo obvious and fo various, that it is needlefs to give any inftances of it ; every Language having fome peculiar phrales belonging to it, which, if they were to be tranllated verbation into anothe Tongue, would feem wild and infignificant. In which our

Englifh doth too mach abound, witnefs thofe words of Break, Bring, Caft, Cleare, Come, Cut, Drams, Fall, Hand, Keep, I ay, make, Paß, Put, Run, Set, Stand, Take, none of which have lefs then thirty or forty, and fome of them about a hundred feveral fenfes, according to their ufe in Phrafee, as may be feen in the Dićtionary. And though the varieties of Phrafes in Language may feem to contribute to the elegance and ornament of Speech; yet, like other affected ornaments, they prejudice the native fimplicity of it, and contribute to the difguifing of it with falfe appearances. Befides that, like other things of falhion, they are very changeable, every generation producing new ones; witnefs the prefent Age, efpecially the late times, wherein this grand impofture of Phrafes hath almoft categ out folid Knowledge in all profeffions; fuch men generally being of moft efteem who are flkilled in thefe Canting forms of fpeech, though in nothing elfe
2. In refpect of symomjmous words, which make Language tedious, and are generally fuperfluities, fince the end and ufe of Speech is for hu-

Scaliger de Caulis L. I. cap. 188.
Bp. Waltax Prolegomena de Lingua Arabica, feet. $\sigma$. mane utility and mutual converfe; magis igitur refert ut brevis, ©̛ rectus, $\sigma$ fimplex fit, quim longus $\mathcal{U}^{\boldsymbol{U}}$ varius. And yet there is no particular Language but what is very obnoxious in this kind. 'Tis faid that the Arabic hath above a thoufand feveral names for a Sword, and 500 for a $L$ ion, and 200 for a Serpent, and fourfcore for Hony. And though perhaps no other Language do exceed at this rate, as to any particular; yet do they all of them abound more then enough in the general. The examples of this kind, for our Englifh, may be feen in the following Tables. To this may be added, that there are in moft Languages feveral words that are mere Expletives, not adding any thing to the Senfe.
3. For the Anomalifms and Irregularities in Grammatical conftruction, which abound in every Language, and in fome of them are fo numerous, that Learned men have fcrupled whether there be any fuch thing as Aralogy.
4. For that Difference which there is in very many words betwixt the woriting and pronouncing of them, mentioned before. Scriptio eft vocum pidura: And it thould feem very reafonable, that men fhould either fpeak as they write, or write as they fpeak. And yet Cuftom hath fo rivetted this incongruity and imperfection in all Languages, that it were an hopelefs attempt for any man to go about to repair and amend it . ' T is needlefs to give inftances of this, there being in divers Languages as many words whofe founds do difagree with their way of writing, as thofe are that agree. What is faid of our Englifh Tongue is proportionably true of moft other Languages, That if ten Scribes (not acquainted with the particular Speech) fhould fet themfelves to write according to pronunciation, not any two of them would agree in the fame way of fpelling.
'Tis an obfervation of a Learned man concerning the French Tongue,

Sir Tho. Smith de refta Seriptione. that it is ineptiffime confufa, aliàs ad fafidium otiofis fuffarcta literis; alids ad mendicitatem inops © jejuna; nunquam fibi conftans, ©́ rarò rationi confona. 'Tis faid that Peter Ramus did labour much in reducing it to a new Orthography, but met with much difcouragement in this attempt from Learned men; befides the invinciblenefs of general Cuftom, againft which (for the moft part') men trive in vain. What better fuccefs thofe Learned ingenuous perfons of the French Academy thay have,

 Gregrium Tinrementis.

 ufe of them through his Dominions; and that in all Schoold Yeurhs




As to our own Langeage gufereviral parfans have takenmurch pains ao




 followed by one Wade, that writ to the fame purpofe. After thefe, Buh laker endeavoured to add to, and alter divers things in thofe others that

 we retain the fame errors and incongruities in writing which our. Fovd


 CHAP. V
 therules af Art, II. Theipatural Crauxd Rr Principle of the feveral zays of Cammurication amangyt mex, IIl. The firt thing to be prozuded for in the eftablijhing af it phitofonhigal charact er or Language, ts a juft emuparation af all fuch aloings and notions to mbich names: are to be edignedt;
$F_{\text {Fem what hath bean already fidd it may appear, that there are no }}^{\text {Rom }}$ according to the Rufes of Art; but that all, except the figf), ( $\rho$ f which we know nothing focertain as, that ir was not made by human Art upon Experience) have beẹn either taken up from that firft, and derived by way of Imitation; or elfe, iy a long trad of time, have, upon feveral emergencies, admitted various and caffual alterations; by which means they muft needs be liable to mavifohd defects and imperfections, that in a Language at opufe: invented and according ta the rules of Art might be eafily avoided. Nor could this otherwife be, becaufe that very Art by which Language fould be regulated, viz. Grammar, is of much later invention thes Lakgunges thapugalues, being adapted: wo what was already in being, yathenthen the Rule of making it!lo.

Though the Hebrew Tpngyue bs the mqft ankient, yet Rabbi $9 x d a h$ Chiug of Fex in Afric, who lived $A$. $D, 1040$, was the firlt that reduced ic to the Art of Grapmpar: And though there were both Greck and Latin
vojinusde Ar te Grammat. lib. 1. cap. $4^{\circ}$ Grammarians much more ancient; yet were there none in either, till a long time after thofe Languages flourifhed: which is the true reafon of

Vofiws ibid. cap. 3.
polyder. Virgil. lib.1.cap.7.
all thofe Anomalifost in Gramizan; beeaufe the Art was futed to Lavguage, and not Language to the Att. PLatbis Gid to be the firt that confidered Grammear : Arifetle the firt that by writiogi did reduce it into an Art: and Epicurwe the firtithat publickly taught it amongt the Grecians.

And for the Latin, Crates Mallotés, Embaffador to the RamaniSenate from King Attalur, betwixt che fecondiandthird Pwrich War, prefenty after the death of Envius, U. C. 583. was the firft that brought in the Art of Grammar amongft the Rominns, faith Suetomims.

Thefe being fome of the Defects orimperfections in thofe Letters or Languages, which are already known, may afford direction, what is to be avoided by thofe who propofe to themfelver the Invention of a new Cbaradill or Language, which being the principal cind of this Difcourfe, I Thall in the next place proceeditolayidown the firt Foundations of it.
2. II. As men do generally agree in the fame Principle of Reafon, fo do they likewife agree in the fame Intorisal Notion or Apprebenfion of things.

The Extermal Expreffion of thefe Mental notions, whereby men communicate their thoughts to one another, is either to the Ear, or to the Eye.

To the Ear by somnds, and more particularly by Articulate Voice and Words.

To the Eye by any thing that is ivfible;, Motion, Light, Colour, Figure; and more particularly by Writing.

That conceit which men have in their minds concerning a Horle or Tree, is the Notion or mental Image of that Beaft, or natural thing, of fuch a nature, fhape and ufe. The Names given to thefe in feveral Languages,are fuch arbitrary founds or moords, as Nations of men have agreed upon, either cafually or defignedly, to exprefs their Mental notions of them. The Written mord is the figure or piqure of that Sound.

So that if men thould generally confent upon the fame way or manner of Expreffion, as they do agree in the fame Notion, we fhould then be freed from that Curfe in the Confufion of Tongues, with all. the unhappy confequences of it.

Now this can onely be done, either by enjoyning fome one Language and Character to be univerfally learnt and pradtifed, (which is not to be expected, till fome perfon attain to the Univerfal Monarchy; and perhaps would not be done then : ) or elfe by propofing fome fuch way as, by its facility and ufefulnefs, (without the impofition of Authority) might imvite and ingage men to the learning of it $;$ which is the thing here attempted.
\$. II I. In order to this, The firft thing to be confidered and enquired into is, Concerning a juft Enumeration and defcription of fuch things or notions as are to have Marks or Names affigned to them.

The chiefDifficulty and Labour will be fo to contrive the Enumeration of things and notions, as that they may be full and adaquate, without any Redundancy or Deficiency as to the Number of them, and regular as to their Place and Order.

If to every thing and notion there were affigned a diftinct Mark, together with fome provifion to exprefs Grammatical Derivations and Inflexions; this might fuffice as to one great end of a Real Charadfer, name1y, the expreffion of our Conceptions by Marks which fhould fignifie things, and not woords. And fo likewife if feveral diftinct words were affigned for the names of fuch things, with certain invariable Rules for all fuch Grammatical Derivations and Inflexions, and fuch onely, as are natural and neceffary; this would make a much more eafie and convenient Language then is yet in being.

But now if thefe Marks' or Notes could be fo contrived, as to have fuch a dependance upon, and relation to, one another, as might be futable to the nature of the things and notions which they reprefented; and fo likewife, if the Names of things could be fo ordered, as to contain fuch a kind of affinity or oppofition in their letters and founds, as might be fome way anfwerable to the nature of the things which they fignified; This would yet be a farther advantage fuperadded: by which, befides the beft way of helping the Memory by natural Method, the Underfanding likewife would be highly improved; and we fhould, by learning the chbarader and the Names of things, be inftructed likewife in their Natures, the knowledg of both which ought to be conjoyned.

For the accurate effecting of this,it would be neceffary, that the Theo$r y$ it felf, upon which fuch a defign were to be founded, hould be exactly futed to the matare of things: But, upon fuppofal that this Theory is defective, either as to the Fulneß or the Order of it, this mult needsadd much perplexity to any fuch Attempt, and render it imperfect. And that this is the cale with that common Theory already received, need nor much be doubted; which may afford fome excufe as to feveral of thofe things which may feem to be lefs conveniently difpofed of in the following Tables, or Schemes propofed in the next part.

## Tbe End of the Firt Part.

# The Second Part, 

## Conteining a regular enumeration and defcription of all thofe things and notions to which names, are to be affigned.

## CHAP. L.


#### Abstract

I. The scheme of Genus's. II. Cancerning the more general notiont of things,the difficulty of eftablifbing thefe aright. II . Of Tranfiendent tals general. IV. Of Tranffendental relations snixed. V. Of Trianfeendental relations of Action. VI. of the feveral notions beloniging to Grammarer Logic.




AVING difpatched the Prolegomena in the former part, 1 proceed ( according to the method propored) to that more difficult attempt of enamerating and defcribing all fuch things and notions as fall under dicourfe.

In treating concerning this, I hall firft lay down a Scherpe or Analyfis of all the Genus's of modrecommon heads of things belonging to this defign; And then thew how each of thefe may be fubdivided by its peculiar Differences; which for the better convenience of this inttitution, I take leave to determine (for the moft.part) to the number of fix. Unlefs it be in thofe numerous tribes, of Herbs, Trecs, Exangnious Animals, Fiffes and Birds; which are of too great variety to be comprehended in fo narrow a compals. Atter which I hall proceed to enumerate the feveral species belonging to each of thefe Differences, according to fuch an order and dependañe amongtt them, as may contribute to the defining of them, and determining their primary fignifications Thefe species are commonly joyned together by pairs, for the better helping of the Memory, ( and fo likewife are fome of the Genus's and Differences.) Thofe things which naturally have Oppofites, are joyned with them, according to fuch Oppofition, whether single or Double. Thofe things that have no Oppofites, are paired together with refpect to fome Affinity which they have one to another. Tho it mult be acknowledged that thefe Affinities are fomerimes lefs proper and more remote, there being feveral things fhifted into thefe places, becaufe I knew not how to provide for them better.

All kinds of things and notions, to which names are to be affigned, may be diftributed into fuch as are either more
[General; namely thofe Univerfal notions, whether belonging more properly to Tbings $;$ called TRANSCENDENTAL $\{$ GENERAL. I

Special ; denoting either

## \{CREATOR. V

¿Creature; namely fuch things as were either created or concreated by God, not excluding feveral of thofe notions, which are framed bythe minds of men, confidered either
$\{$ collectively; WORLD. VI
Diftributively; according to the feveral kinds of Beings, whether fuch as do


In this precedent Scheme, all the feveral things or notions, to which names are to be affigned, are reduced to forty Genu's. The firtt fixi of which do comprehend fuch matters, as by reafon of their Generalnefs, or in fome other refped, are above all thofe common heads of things called Predicaments; The reft belonging to the feveral Predicaments, of which I reckon only five. Amongft thefe, Subfance doth take in fourteen Genws's, 2uantity three, 2wality five, Adfion four, and Relar: tion eight.

This being fuppofed to be a fufficient general Scheme of things, that which is next to be enquired after, is how each of thofe Genu's may be fubdivided into its proper differences and fpecies. In order to which I fhall offer that which follows.

In the enumeration of all fuch things and notions as fall under difcourfe, thofe are firft to be confidered which are more general or comprehenfive, belonging either to Metaphyfic, or to Grammar and Logic.

Tho particulars are firft in the order of Being, yet Generals are firft in the order of Knoming, becaufe by thefe, fuch things and notions as are lefs general, are to be diftinguifhed and defined.
Now the proper end and defign of Metapbyfic fhould be to enumerate and explain thofe more .general terms, which byreafon of their Univerfality and Comprehenfivenefs, are either above all thafe Heads of things ftiled Predicaments, or elfe common to feveral of them. And if this Science had been fo ordered, as to have conteined a plaip regular enumeration and defrription of thefe general terms, without the mixture of nice and fubtle difputes about them; It might have been properenough for learners to have begun with. But men having purpofely ftrained their Wits to frame and difcufs fo many intricate queftions, as are commonly treated of in it : 'Tis no wonder that it fhould hereby be rendred, not onely lefs fit for young beginners, but liable alfo to the prejudice and neglect of thofe of riper judgments. That which I aim at in treating concerning thefe things, is to offer fome bricf and plain defcription of them, as being confcious that fuch matters as are primo nota, and moft obvious, are moft hard to be defined. And the multiplying of words,about things that are plain enough of themfelves,doth but contribute to the making of them more obfcure.

The right ordering of thefe Tranfcendentals is a bufnefs of no fmall difficulty; becaufe there is fo little affiftance or help to be had for it in the Common Syftems, according to which this part of Philofophy (as it feems to me ) is rendred the moft rude and imperfect in the whole body of Sciences;as if the compilers of it had taken no other care for thofe General notions, which did not fall within the ordinary feries of things, and were not explicable in other particular Sciences, but only to tumble them together in feveral confufed heaps, which they ftiled the Science of Metaphyfic. And this is one reafon why the ufual enumeration of fuch Terms is very fhort and deficient in relpect of what it ought to be;many of thofe things being left out, which do properly belong to this number; which defects are here intended to be in fome meafure fupplied. Tho it muft be granted, that by reafon of the exceeding comprebenfivenefs of fome notions, and the extreme fubtilty of others, as likewife becaufe of the ftreightnefs of that method which I am bound up to
Chạp. I. . Concerning Metapbyfzc. 25
by thefe Tables it will fo fall out, that feveral things cannot be difpofed of fo accurately as they ought to be.

The feveral things belonging to Metaphyfical or Tranfcendental notions may be comprehended under thefe three Heads, namely fuch as are cither more
(Abfolute; conteining the Kinds, Caufes, Differences and Moodes of things, which I take the liberty to call TRANSCENDENTAL GENERAL.
Relative; whether
(Mixed; and common both to Quantity, Quality, Whole and Part, ftiled TRANSCENDENTAL MIXED.
$\{$ simple; and proper to Action, viz. TRANSCENDENTAL relation of ACTION.

The moft Univerfal conceptions of Things are $\mu$ fually ftiled TRANSCENDENTAL, Metaphyfic-all.

To which may be annexed by way of affinity, that general name which denotes thofe higheft and moft common heads, under which the feveral kinds of things may be reduced in an ordenly feries: viz. PREDICAMENT, Category.

Tranfcendentals general may be diftributed into fuch as do concern the nature of things according to their

「KINDS. i.
CAUSES. 11.
Differences; more
SABSOLUTE and Common. III:
\{Relative to Altion; confidering
§THE END. IV.
\{THE MEANS. V.
MODES. VI.
I. That

1. kisd. I. That common Effence wherein things of different natures do agree, is called GENUS, general, common Kind.

That common nature which is communicable to feveral Individuals, is called SPECLES, sort or fpecial kind, ,pecifie, „pecifical. Breed.

Thefe common kinds may be diftinguifhed into fuch as are either more properly
;Tranfcendental; namely, thofe moft univerfal and comprehenfive Terms which fall under Difcourfe; relating to
TThe firft and moft general Conception, of which the Underfanding takes notice, as molt known.

1. $\left\{\right.$ BEING, Entity, Effence, Exiftence, $\int u b f f f_{;}$am, is, extant.
2. 2 NOTHING, Nought, null, none, annul, difannul, annibilate, abrogate, abolif, void, undoe, cancel, evacuate, Cipbre.
Thofe Beings wohich \|are truly fuch, or thofe which our Senfes miftake for Beings.
3. $\{$ THING, Affair, Matter, Bufine $\beta$, Cafe, real -ly, indeed.
4. \{APPARENCE; Apparition, Phantafon, Shem, Vifion, Elyfion and vanifh.

Similitudes of Beings; formed in our Minds either || by appreberfion of thimgs that are, or imagination of things that are not.
3. $\{$ NOTION, Conception.
3. FICTION, Figment, make, feign, frame, derife, counterfet, forge: coin, mint, Pa- $^{\text {F }}$ ble, Apologue, Romance, Tale, Legend, Mytbology, Fairy, Nymph, Centakr, Griffin, Bugbear, Goblin, Chymera, Atlantis, Vtopia.
The woords a fligned for the fignifying of feveral Things and Notions: to which that contmon name for the fignifying of particular rational Beings may be annexed, though lefs properly.
$\{$ NAME, Style, Title, Titular, Compellation, Appellation, momninate, denominate,
4. $\left\{\begin{array}{c}\text { Sirname, Infription, Nomenclator, anenymows, cell, Nown, Term. } \\ \text { PERSON, }\end{array}\right.$ PERSON, Age, Party, No-body, Wigbt.
II Predicamental; thofe chief Heads, under which other Terms may be reduced; denoting either
\{Such things as $\|$ Jubfifl by themflves, or which (according to the old Logical definition) require a fubject of inhefion: Though they are indeed nothing but the modes of Subftance.
5. $\left\{\begin{array}{l}\text { SUBSTANCE, Jubfft. } \\ \text { AccID } \mathrm{FNT} \text {-all. }\end{array}\right.$

That babitude of things wobereby they meay be faid to have parts diftinct and capable of divifion, or the general difpolitionof things either to Adion or Paffion. $\{\quad$ SQUANTITY, Much, Deale, Mathematick.
6. $\left\{\right.$ Q $^{2}$ ALIITY, Di/pofiticn, Endowment, indue,parts, qualification,,manner, condition, eftate.
The application of the Agent to the Patient, or the reception of the force of the Agent.
ACTION, doe,perform, commit,practife.proceeding, funciion, exercife, at7. $\left\{\begin{array}{l}\text { chieve, dealing, ACI, Fact, Deed, Feat, Exploit, Paflage, Prank, Irick, Play } \\ \text { the Part. }\end{array}\right.$ the Part.
PASSION, abide, ail, bear, endure, fuffer, undergo, fuftain, feel, capable.
(Such things as \|cannot be, or cannot be known, without a refpect to Jometbing elfe; or which may be, or may be inderfood of themfelves, without any fuch reference.
8. $\{$ RELATION, refer, Regard, Refpect, Habitude, corrclative.
8. 2 ABSOLVTENESS, irrejpective, peremptory, flat ppofitive.
II. That

## Chap. I.

Tranfcendentals General.
II. That which any way contributes to the producing of an effect, is fyled CAUSE, Reafon, Gronnd, Principle, proceed from, procure, produce, make,confitute, Infuence, raife, put, fte, Lring to paß.

That which proceeds from, or depends upon the Caufe, is ftyled EFFECT, Event, IJfue, Fruit,accrue, Succe $\beta$, ,fring from, become, grow, come of it, impreffion, Product.
[External, fuch as are without the Effect.
By which things are done; whether
More immediate and abfolute ; either $\|$ more principal, of which the firft Action is,or leßprincipal, and fubfervient to the chief Agent.
¡EFFICIENT, Autbor, Maker, Efficacy, effectual, Energy, Virtue, Validity, Force, Vigour, Operation,Infuense, frame, confitute, beget, effect, do, make,

1. $<$ caufe, work, ressder, create, bring to pafs.
INS TRUMENT, Tool, Organ -ical, 1 mplement:
More remote and relative ; being either in
[Tbe Agent ; ferving either to
\{Excite, or reftrain it.
(IMPULSIVE, Incentive, Motive, Reafon, Ground, Concitation,Inftigation, Inducement, impell, fiimulate, fir up, prick forward, Spur on, roufe, quicken, irritate, provoke, excite, egging, incite, Infind , Conffderation, put on, fet at or on, move, uree, draw in.
COHIBITIVE, refrain, check, curb, with-bold, keep fort or back, inbibit, repreß, bold in, bridling, fint, coerce, confine, limit, no bo, ftay, faunch, moderate, mafter, controle.
Direä and regulate its Adion; either || by that Idea which the Agent bath in bis mind of fome like cafe, or by Jame Pattern before his eyes.
2. \{ EXEMPLAR, Example, Infance, Idea, Precedent, Caufe.
3. 2 TYPE, Pattern, Platform, Model,Lafl, Mold, Prototype, Antittpe, Extract, Original, Copy, Counterpart, Draught, Sampler, Proof, Duplicate, exemplifie, prefigure.
The Patient; relating to $\|$ |fome peculiar capacity in the thing, or fome fitmeß in refpet of time.
(lification.
4. SOONDITION, Provijo, Salvo, in cafe, Term, Cafe, State, liking, Habit, 2ua-- ZOCCASION -al, Exigence, Emergence, Advantage, Opportunity, drawn, provoke, fandal.
(abated,
Some tbird thing, by which the force of the Efficient is either \|increaffed or ADJUVANT, Help, Aid, AIJIf ance, Succour, Relief, support, Aldvantage, auxiliary, Jubfidiary, avail, condxce, promote, farther, fand in fead, fupply, accommodate, feroe, Co-adjutor, abet, take ones part, fand by, a fay to one, formard, minijter, relief, back one.
(IMPEDIENT, binder, Obfacle, Remora, Clog,Bar, debar, obffruct, cumber, Rikb,Cbeck, Dam, Luygage, Lumber, Baggage, Prejudice, Dijadvantage, forefor, lett, foop, Difervice, fay, fand in the wxy, trigg, keep back, reftrain, with-bold, interfere.
For whoof fake a thing is: to which may be annexed the general name of fuch things es bave any tendency to the promoting of it.
(Reafon, final, tend. 6. SEND, Aim, Mark, Goal, Drift, Intent, Effect, Purpofe, Defign, Scope, Sake, Reach, -MEANS, Way: Shift, Expedient, accommodate.
Internal, fuch as are within the Effect as its chief conflituent parts; $\|\|$ out of which a thing is made, and of which it confifts; or by which a thing is conflituted in its being, and dijtinguibed from all other things.

[^2]III. Thofe general Names which may be ftyled Difierences, are too numercus to SIITY. be placed under one common Head according to the method defigned in thefe Tables, and therefore are they here reduced unto three Heads: whereof the firft contains fuch as do not immediately imply any relation to Action, and are therefore ftyled more abfo nte and common; namely, thofe more univerfal Affections of Entity whereby feveral things are differenced, fo as to make them. DIVERS from one another. (another, feveral. jundry, vary ety difionant, to and fro, up. and down, multiplicity, choice, different others, Heterogeneous; ) to which the notion of ILENTITY, Very, famenefs. all one, unvaried, may be properly oppofed, importing an Unity or dgreement in the fame $F \cdot / J$ Jence.

Thefe are diftinguifhable into fuch Differences of things ac imply a refpect unto [Somet hing without the things themfelves. (prehenfions of' them.
The Underftanding; in regard of the $\|$ congrnity, or incongruity of things to our ap.
\{1. $\left\{\begin{array}{l}\text { TRUTH, true, Verity, verifie, very, Right, sooth, irrefragably, likely, probable. }\end{array}\right.$

1. F ALSHOOD, falle-ifie, Error, erroneows, untrue. $^{2}$

The Will; as to the \|agreement, or difagreement of things with that Faculty, fo as to be rendred defirable or avoidable.
2. GOODNESS, Weal, Welfare, rigbt, regular, well, rectifie, better, beft.
2. ELILNN $^{2} s s$, ill, bad, naught, wrong, amiß, fhrewd, farvy, lewod, borrid horrible, corrupt, Pravity, deprave, Sis, Fault, Irefpaß,I IranJgreßs-ion, Peccadillo, zoorfe.
The nature of thangs in themjelves; atoll
T Their naked being, or not being.
$\{$ POSITIVENESS, 7 befis.
3. PRIVATIVENESS, Privation, bereave, deprive, depofe, put out, or forth, take $^{\text {P }}$ awoay: Jrip, deveft, difieife, difpofjeß, disfurnifh.
Their being: or not being wobat they are pretended to be.
\{GENUINENESS, right, arrant, rank, very, native, legitimate, true, currant.
<4• $\left\{\begin{array}{l}\text { PZ'RIOUSNESS, mongrel, baftard, falfe; illegitimate, improper, adulterine, }\end{array}\right.$ bafe, misbegot, Sophifticated.
Their degrees of being; whether \|prefent, or future and in poffibility.

## ACTUALNESS, Exifence, extant.

5. TPOTENIIALNESS, Reverfion, may. can.

Their Extenfion; being \|circumfcribed by bounds, or not fo circumfcribed, (ded.
6. \{ FINITENESS, definite, determined, limited, bounded,Term, Confine, Stint, conclumited, unmeafurable, inėxbauftible.
Ibeir Caufes.
(feriour Agent.
Efficient; whether\|the order of common Providence, or the skill of fome in7. NATURALNESS, right, native, wild, carnal, praternatural, fuperwatural.
7. \{ FACTITIUUSNESS, artificial, technical, made.

Material; being either \| without all parts and compofition, or being fuch, to the framing of mbich feveral parts and ingredients do concurr.
< SIMPLICITY, mere, ßeer, clear, fine, plain, right, pure, unmixed, Ingre8. $\{$ dient, fingle, uncompounded.

MIXEDNESS, mingle, compound, blend. fhufle, Medly, Mi/cellany,promifcuous, temper, Commixtion, complex, complicate, confound, intermingle, Hodg-podge, Gallimaufry, Rhapfody, Centon, dafh, brew.
[Formal; || being in fuch a fate to which nothing is wanting: or elfe wanting fomething of what they may and foould bave.
9. $\left\{\begin{array}{l}\text { PEKFECTION, abfolute, intire, full, accurate, exaif, exquifte,ppnctual,precife, } \\ \text { complete, confummate, accomplifl ftridt, plenary, throughly, mature,up, at the top. } \\ \text { IMPERFECTION, incomplete, lame. } \\ \text { IV. That }\end{array}\right.$
IV. That kind of Difference betwixt things, which relates to Acti- IV. DIFons confidering the End, may be ftiled DISAGREABLENESS, unfutable, difcrepant.

To which may be oppofed the Notion of CONVENIENCY, agreement, agreable futab ce, ferving, commodious.

Thele may be diftinguifhed into fuch as are
More Simple ; denoting their
${ }^{4}$ Fitnefs toll|promote, or binder our well-being.
SHOFITABLENESS, Advantage, Benefit, Emolument, Intereft,

1. $\left\{\begin{array}{l}\text { Concern, Boot, Fruit, Vtility, Commodious, Edifie, ftand infted, } \\ \text { good for, avail. }\end{array}\right.$ good for, avail.
(HZ RTFVLNESS, Häm, Prejudice, Difadvantage, Dammage, Difprafit, Nufance, Mifchief difcommodious,nocent, forewd turn, pernatious, noxious, noijom, damnifie, endamanage, impair, annoy, difpleafure, nainght for, vermin, weed.
Sut ablenefsor nmjutablenes'to our appetites.
\{PLEASANINESS, Delight, Complacence, injoyment, Satisfalliou,
2. $\left\{\begin{array}{l}\text { fweet, taking, delicious, Paradife. }\end{array}\right.$
(VNPLEASANT NESS, Regret, dijpleafing,offenfive,trouble,grievous, uneafie, painful.
Agreableneß or Difagreableneß of things to Right reafor.
3. $\left\{\begin{array}{l}\text { DUENESS, Duty, ought, Jhould, Honeff, owe, part, incumbent on: }\end{array}\right.$
4. \{ UNDVENESS, onght net, dijhonef.

More mixed implying a refpect to the nature of the end, as to its
Capacity or Incapacity of exifting.
\{POSSIBILITY, Feafible, may, can.
4• IMPOSSIBILITY, cannot be.
Degrees of goodneß; whether fuch as are like to anfwer the defires, by proving very great and confiderable.or fuch as are like to difappoint the defires, by proving to be very little or none.
5. IMPORTANCE, of Moment, Confequence, Strength, Force, Weight,
5. $\left\{\begin{array}{l}\text { material, confiderable, pithy, pregnant, efential, it mattereth. }\end{array}\right.$ VANIT T, Trifle, trivial, frivolous, Foppery, Gewgaw, Knack, Toy, תeevele $\beta$, flight, light, fruitleß, fidling, void, Trumpery, Bauble, Quillet, Quirk, Gambol, to no boot, to nopurpofe,
Efteem amongft good men; whether fuch as they are like to think woell of, as deferving praife and reward, or to think ill of, as deferving
fhame and punilhment.
> $\left\{\begin{array}{c}\text { WOR THINESS; Merit, Defert, Value, demerit, cheap, dear, } \\ \text { price,preciows, depreciate. }\end{array}\right.$
> 6. $\left\{\begin{array}{l}\text { price, preciows, depreciate. }\end{array}\right.$ UNWOR' HINESS, Vile, Mean, Peor, undeferving, indign:

V. DIFFE-

v. DIFFERENCE Relating to the MEANS.
V. DIFFERENCES of things relating to the MEANS, may be diItributed into fuch as are
[More simple, denoting the being of things
[Good; as good is determined by
(Law ; whether according to Lam, or mot againft it.
. $\{$ LAWFULNESS, legitimate, right, legal, canonical, orderly. -INDIFFERENCE, adiaphorous.
Cuftom or opinion; whether fuch as the generality of men do think well of and practife, or difike and avoid.
$\left\{\begin{array}{c}\text { DECENCY, Decorum, meet, fit, feemly, bandfome, becoming, } \\ \text { comely, goodly. } \\ \text { INDECENCY, Indecorum, unmeet, unfit, unfeemly, unbandfome, }\end{array}\right.$ uncomely, mifbefeeming, ugly.
Free from evil; whether of
; Hurt;
[SAFETY, Security, fure, tutelary, innoxions, fave, protect, infure, indemnife, woarr.ant, Sancluary, shelter, Refuge. DANGER, Hazard, Peril, Feopardy, nnfafe, risk, venture, adventure, endanger, expofe, incur.
Labor and Pain; in the
(Agent; the Doing of things with little or much labor. . $\{$ EASINESS, Facil-ity-itate, clear, gentle, light,
4.\{DIFFICVLTT, Hard, umeafie, crabbed, intricate, laborious, ftreight, Perplexity, rub, knot, graveling, bard put to it.
Patient; The Juffering of things with little or nolabor, or moith much. SGENTLENESS, Eafineß, foftne $\beta$; jtill, texderly, gingerly. 5. $2 y$ IOLENCE, boijterows, rough, barfi, buyfering, impetuous, force, raviß.
Comparative; of the
Nature of the means to one another; whether mutually agreeing as havitfg the fame kind of affeetions, or difagreeing as having fuch kind of affections as are apt to exclude one another out of the fame fubject.
CONGRUITY, Sutablene $\beta$, Agreablene $\beta$, sympathy, confonant,
6. $\{$ compatible, right, appofite, fit, azeet, apt, adapt, confiftent, accord, conform, accommodate, comply.
(CONTRARIETT, Repugnance, witbftand, againft, unfutablé, Antiperiftafis, counter, croß, incongruous, inconfistent, incompatible, interfere.
Vefulneß or Vnulefulneß of means to an end, whether in
Lowser degrees; when there is a fair probability that a means may either? promote or binder the end.
7. $\{$ EXPEDIENCE,Convenience, beboovful, meet, fit, perquifite, requifite.
7. 2 INCONVENIENCE, Inexpedience, unmeet, unfit, incommodious.

Higher degree; when there is a certain dependance betwixt the means and the end.
To which may be oppofed that kind of nexws betwixt means and end, which is altogether uncertain and doubtful.

[^3]VI. Thofe more general refpects and habitudes which feveral things VI. MODE. or notions have to one another, are ftiled by the name of MODE, manner, way, fort, fafhion, guife, pije, garb, courfe, form-ality, kind.

Thefe may be diftinguilhed into fuch as are
Intersal; denoting that
(In wobich another thing exifts, or the thing fo exiffing in another
$\int$ SUBJECT, liable, obsoxiows, expofed, matter, Text, Theme, wndergoe, capable.
ADキVNCT, Epithete, inherent.
(About nobich a thing is imployed.
2. OBJECT", wark, Scope, butt, treat, bandle, meddle with, bave to do with.
External;
With which ethings are accompanied or done; accordiag to the
Kinds of them, either in General, or Jpecially of fuch things, as are remarkable for Extraordinarinefs and Greatnefs.
$\{$ CIR CUMSTANCE, Rite, Ceremony.
$\left\{\right.$ 3. $\left\{\begin{array}{l}\text { SOLEMNITY, Grandeur, fiate, Pomp, Port, celebrate, folemsuize, } \\ \text { Rite. }\end{array}\right.$
Consequence of them; or that habitude refulting to any thing from the confideration of all its circumftances together.
4. STATE, Eftate,Condition, Cafe, Functure,Liking,manner,paß,pickle, plight, point, in good repair.
By which any tbing is known.
5. SIGN, Badge, Token, Mark, Note, Symptome, Symbol, Index, Indication, Cue, Prixt, Scarr, Track, signature, Jignific, Beacon, becken, Boad, forctoken, prefage, Prodigie, portentows, omisous, aufpicious.
According to wobich any tbing is,or is donc; relating either to the
Order obferved in the being or doing of things; whether by
One perfon or thing after another who hath left bis place, or for another who is onely abfent from his place.
6. 5 ROOM, as Succeffor, Caliph, fupply, place.
6. $\left\{\begin{array}{l}\text { RTEAD, as } \\ \text { STEAD, as fubflitute, fubdititious, ferve for, fuccedaneous, De- }\end{array}\right.$ pwty, Surrogate, Vicar, Delegate, Vice-gerent, Attourney, Broaker, Factor, in lien, Lievtenant, Proctor, Proxy.
ITwooperfons or things either one after anotber, or one with another. 7.STURN, Courre, alternate, jecond, bout.
7. $\{$ RECIPROCATION, muthal, interchangeable, intercourfe, correfpond.
Meafures of Being; whether the more General name for fuch meafures, differenced according to more and lefs, or that Jpecial kind which denotes the fodain and fhort Being or Doing of any thing according to a greater meafure. (and little.
8. 5DEGREE, gradual, a Jpice, a frein, gradation, leafurely, by little LIMPETUS, Fit, Paroxysm, brunt, crafl, eff ort, pang.
Affedions of Being; with reference either to fome common agreesuent and mutual dependance, or to fome inconfflency betwixt them. SCOGNATION, Afinity, Nearneß.
9. OPPPOSITION, Difagreableneß, contirary, counter, repugnant, withftand, againft, crefs, thwart, other fide, adverfe, Antagonist, Antithefis, confromt, impugn, oppugn.

Tran-

TRANSCENDENTAL Relations MIXED, may be diftributed into fuch as do belong either QUANTITY, as confidered
( to
SMore GENERALLY. I
\{ More reftrainedly, to
\& Continued quantity. II
$\xi$ discontinued quantity. III
QUALITY, as confidered more
SLARGELY IV
\{STRICTLY. V
WHOLT and PART. VI
I. Tranfcend.

Relations of QUANTITY
MORE GE
NERAL.
I. TRANSCENDENTAL mixed Relations belonging to QUANTITY confidered MORE GENERALLY, may be diffributed into fuch as do concern the meafure of things compared ei[Other things of the fame kind or company (ther with Indefinitely; as to
[Being or Subftance, namely when the things compared are confidered
Singly and intire, Being either of an ordinary fize,or nore or lefs thrn ordinary.
$\{$ INDIFFERENCE, Pretty big, pafjable, reafonable, fo jo.
GREATNESS, Magnitude, ample, large, vaft, buge, immerfe, grand, monstrous, prodigious,foand, fwiraging, whisker, main, much, magnife, aggravate, exaggerate, a filthy deal,' a foul deal, Gyant.
Liltilleness, Smalnefs, Petty, Minute, Modicum, Scauling, diminutive, lefs, leaff, poor, abate, allay, extenuate, Elf, Dwarf, Sbrimp, Tit, Daxdiprat, Pigmy.
Lconjunclly; as confifting of feveral individuals or parts, whereof there are together an ordinary number, or more or lefs then ordinary.
\{MEDIOCRITY, a pretty deal, an indifferent quantity, mean, reafosable.
2. $\left\{\begin{array}{c}\text {; } \\ \text {; }\end{array}\right.$ Jatiate, flow, fuent, luxwriant, enough and to Jpare.
SCARCITY, Little,want, dearth,pimcling, fiast, bare, jejume, lack.
Vfe, with refpect to the quantity of it, whether fuch as may by its just proportion promote the end, or fuch as may hinder it, by being too much, or too little.
\{SUFFICIENCY, enough,big or much enough, competeocy, moderate, fatisfe, ferve, well, full.
. EXCESS, Redundance, juperfuity, weedlefs, exuberance, too mxch, ovormuch, ouercharge, cloy, glutt, farfet, fatiety, (xtreme, immoderate, luxuriant, rank, ous of rea/on, watt, fly out, la/h out.
DEFECT, Not enough, lack, need, pensry, indigent, weceflitows, deftitute, want, fails fal Sort of, Romder, jejune, incompetent, inf iffrient.
2nality of it, denoting the being of a thing of an ordinary goodnefs, or more or lefs thess INDIFFERENCY, Pretty well, zolerable, mol ami/s.
(ordinary. EXCELLENCY, extraordisary good, eminence, pprehem:nence, egregiows, seximious, incomparable, fuperlative, foveraign, tramfcendent, fingular, beroic, bigh, woble, gallant, chaice, palling, rare, remarkable, notable, Paragon, Mirrour.
SOR RINESS, mean, poor, vile, trivial, contemptibie, de fpicable, frippery, Trafh, Trumpery, Raff, Scum, Drugg, filly, Jight, paultry, ficurvy, poor, courfe, flat, pedling, cheap, worthlef's, Fellow, Sirrah, Companion, Rafcal, Varlet, Wretch, Scoukdril, Skip-jack, Scrub, Vrchim, Flirt, Gill, Fade.
Definitely ; as to
Being; either of the fame degree, or more or lefs.
s. EQUALITY, Evennefs, parity, peer, match, follew, adaqwate, aquipollent, adjust,
5. $\left\{\begin{array}{l}\text { INEV2VALITY, unequal, odds. }\end{array}\right.$ $\int S V P E R I O R I T Y$, above, Kpper, advantage, odds, prebeminence, furmount, overpafs, furpafs, exceed, go beyoud, oxt -go, get ihe itart, top, excell, prevail, predominant. INFERIORITY, under-ling, diladroantage, allay, come fhort of, low.
$V_{c}$; as means to anend, when one thing hath the fame degrees of fitnefs for an end as a nother, or mers or le/s.
6. $\{$ EQUIVALENCE, countervail.
$\left\{\begin{array}{l}\text { EQUIVALENCE, } \\ \text { BETER RESS. }\end{array}\right.$ \{ WORSENESS.
Themflives; in refpect of their

- I Being or fubftance, either continued the fame, or changed to more or lefs.

7. $\left\{\begin{array}{l}\text { AT A STAND. (prove, rife, grow, gain, come forward, crefcent. } \\ \text { INCR EASE, Angmentation, progrefs, increment, enlarge,magnifie, amplife, agaravite, }\end{array}\right.$ $\left\{\begin{array}{l}\text { INCREASE, Augmentation, progrefs, increment, enlarge, magnifie, amplife, aiggravate, im- } \\ \text { DIMINVTION, Abate, Bate, fwage, iffwage, decreaje, extenuate, mince, mitıgate, allay, }\end{array}\right.$ retrench, rebate, Jhrink.
QUALITYin general, either continuing in an ordinary degree, or being changed to more or lefs. 8. JUST TEMPER.
8. $\left\{\begin{array}{l}\text { INTE NTION, heighten, frein, raife, aggravate, exaggerate, exafperate, erhaunce, acute, } \\ \text { INT }\end{array}\right.$ cutting, keen, fere, piercing, vebement, urgent, eager, earnelt, deep Jeep, amain, greatly, much. ( (Sender, wtak, dead, dilute, dull, faint, gentle, light. f. REMISSION, Abate, allay, Лake, Jacken, fwage, affwage , diminifh, mitigate, Jight, cold,

We; when things either continue as they were,or elfe become more or lef's good.
0. KEEPING AT A STAY. (Improve, Edifie, botch, cobble, clout,patch, Progrefs, advance.
9. $\left\{\begin{array}{l}\text { MENDING, emendation, bettering, Reparstion, Reformation, Restauration, corred, redrels, } \\ \text { M }\end{array}\right.$ \{MARR.ING, Spoiling, Deprave,lmpair, jpill, tiaint, alloy, wear, corrupt, vitiate, wast,
II. Tran-

## Chap. I. . Tranffendentals Mix.

H. Tranfecmelental Mixed Recitations belonging to CONTINUED Intritircind QUANTITY, may be diftingtrifhed imo thole various measures of di- Relations Contiva. fable according to the difference of wore or left, with reflect di- ED OMDR. then to
Thine; from END to End.
LENGTH, Longitude, prolong, protract, eek out, extend, tedion, prolixents.
ORTNESS, brevity, Concijeneß, abbreviate, curtal, abridge, refrain, compendious, succinct.
superficies ; from fide to ide. eyed, reftrain.
Body; reckoning from
Tap to Botitem.
SDEEPNESS, profound, Aby ß, fart into, high.
3. \{SHALLOWNESS, Ford, scoure, Depreffion, lowe, flat.
, Bottom to Top.
4. HIGHNESS, Altitude, exalt, elevate, soar, Sublime, tall, lofty, proper, towering, advance, raise, aloft.
LOWNESS, abafe, bring down, depress, demist, nether
Any Superficies to the oppofite.
 gamut, rare, fable, attenuate.
III. Tram-

[^4]Chap. I. Tranfcendentals Mixt. 35
IV. Tranfcendental Relations belonging to QUALITY, as confidered IV. Tranfeen.

MORE LARGELY, may be diftributed into fuch kind of Relations as Relations of Quality are either
Single; containing a refpect to the
íCanfe of a thing, whether none or any, The being of a thing, the firft of its kind. or not.
. $\{$ PRIMITIVENESS, Root, original, fimple, underived.

1. DERIVATIVENESS, conjugate, Notation, Etymology, tranfmi/fion.

Difance of a thing, whether mithout or with any other between.
\{IMMEDIATENESS, Next.
2. \{ MEDIATENESS.

Manner of being, whether intirely of it Jelf, or by virtue of fomething elfe.
\{ABSOLUTENESS, Ixdependent, Freehold.
3. 2 DEPENDENCT, Under.

Degrees of Being or Caufality, whether fuperior and before all others, or inferior, and after fome others.
SPRINCIPALNESS, Chief, special, Ring-leader, foveraign, fupreme,
4. $\{$ paramonnt, firf, main, arch, primee, primary, capital, cardinal fundamental, Top, Head, Mafter.
(ACCESSORINESS, Abet, adberent, Second, Companion, Party, Copartner, Complice, Appendage, Label, Appurtenance, adventitious, collateral, confciows, privy, fide with, back, partake, participate, by the way, by the by.
Mutual; whether more
Pofitive; fignifying one thing either to have or not to have Relation to fome other.
S PERTINENCY, belong, appertain,appofte, to the purpofe,touching, concern, material, relate to, Jerve for, incumbent on.
IMP 'iRTINENCT, not to the purpofe, extravagant;' Jeevele $\beta$, woide from the matter, wild, idle, improper.
Comparative, denoting fuch relation to belong onely to one or ifen, or to mavy.
6. 5 PROPERNESS, incommunicable, omoner, peculiar, concern. : i...., . COMMONNESS, wfual, vulgar, currant, general, proftitute.

[^5]V.Tranfcend. Relations more ftriftly.
V. Tranfcendental Relations of QUALITY confidered MORE STRICTLY, may be diftributed into fuch as do concern either their Being ; The fame or divers.
\{LIKENESS, similitude, fimilar, afimilate, refemble, reprefentation

I. $\left\{\begin{array}{l}\text { Species, Ilea, Image, Effigies, Portraiture. }\end{array}\right.$
(UNLIKENESS, Diffimilitude, diffimilar, degenerous.
Circumfances; whether
ispecial, relating to their
[Place,either the being of things in their duepofitions, or osst of their due places.
\{ORDER, Regular, Method,array,imbattle, marbal,rally, in frame,
2. $\left\{\begin{array}{c}\text { di/pofe, digeft, range. }\end{array}\right.$
(CONF USIUN, Diforder,Rhapfody, Chaos,Gallimaufry,tumult, rout, coyl, difleveled, difranked, oxi of frame or order, promificnows, Prepofterous, Ruffle, shufle, fcamble, clutter, bluwder, jumble, burry, burly burly, pell mell.
Time, cither the being of things as ufually they are, or their being ot hermife then commonly they wfe to be.
ऽORDINARINESS, common, wfal, trivial, curraxt.
3. \{ EXTKAORDINARINESS, frange, nncouth, wnufual, anmoonted, of note, notable, notoriows, Odnef, Paradox.
[General, The being of things according to certain sules or mot fo.
§ REGULAR NESS, right, recalifie, rale.
4. \{EXORBITANCT, Irregularnef, Enormity, Difonder, extravagant, licentions, poild, faulty, worong, loofe, immoderate, unruty, unbridled, ont of fquare, lafs out, Heteroclyte, Anomalows.
Being known; either to many or fem.
(PUBLICKNESS, Notoriows, fanzow, common, ext ant, open, being out, or abroad, Declaration, Manifefto, Remonftrance, Editiom, Promenl-
$5^{\circ}$ gation, fet forth or ont, foers, /pread, blazon, publ,fh, proclasm, divulge, denonnce, produce, pogit ap, come to light, bigh sony.
( PRIVATENESS, underband, clancular, clandeftine, retire, between themfelves.
Mixture with or addition of other things; when they are
i Better for fuch mixture, or Warfe for being without it
OORNATENESS, adorn, fet out, Deck, beautifie, embelliff, trimm, trick, tire, garnifh, flourif, dreß. prank, Crnament, Grace, florid, neat, / mug, jpruce, elegant, quaint: fine, polite, gay, gaudy gorgeous, flaring, garifh, flaunting, Gallant, spark, Bracelet, Plume, Garland, Ouch, \&c.
HOMELINESS, Jimpie, rough, rude, untrimmed, plain, bald.
$B_{\text {eter }}$ for being without fuch suixture, or woorfe for it.
$\{$ PURITY, Cleanneß, undefiled, defecate, fine, refine, try, furbufh,
7. $\left\{\begin{array}{c}\text { foure, purge, purifie, clarifie, depuration, neat, abferfive. }\end{array}\right.$

DEFILEMENT, Filtbineß, Impurity, unclean, forl, Squalid, bedarob, befmear, bemray, contaminate, Лabber, Лubber, fmear, foil, fully, pollute, daggle, furry, fmutch, fmutt, Jtain, alloy, embafe, dafh.
VI. That
VI. That thing which is made up of feveral leffer things united toge- Vr. Tranfen. ther is called by the name of WHOLE, Total, Integral, Intire, Summ, $\begin{gathered}\text { Relations of } \\ \text { WHOLE and }\end{gathered}$ All, Utterly: Quite and clean, full.plenary.

Thofe lefler things, by the union of which another greater thing is made up, are ftiled by the common name of PAATS. Particle, Parcel, partial, Divide, 乃are, diftribute, driblet, portion, piece, pittance.

The tranfeendental relations of mbole and part are fuch as denote a refpect to Quantity
f Continued; in regard of the
iQuality; of Gcodneßor Badneß
r. SEST PART, Quintefience, Cream, Flower, the heart,Top.

1. \{WORST PART, Refufe, Scumm, Dreggs, Reaff, draft, droß, rubbifh, tare, bran, chaff, recrement, trafh, garbage, off al.
Times; either that which is firft taken, whereby the goodnefs of the whole is to be meafured, or that which is fuperadded after the
2.SSAY, tuffe, touch, Jcantling.
(whole.
2. $\{$ VANT AGE, furplus, vecrples, to boot, over and above, over-woight, corollary, fupplement, vails.
Place; fpecially in liquids, either that part which in feparation doth rife to the top, or that which falls to the bottom.
SSCUM, Sandever, Mother.
(defecate.
3. โSEDIMENT, fetling, caput mort, grousds, lees,dregs, feculent,rack,

Figure; fpecially in folidss; whether
Roundiff; in greater parts, or in leffer parts.
\{LUMP, Bole, Morjel, Bit, Cantle, Luncheon, Gobbet, Mammock, 4. $\left\{\begin{array}{c}\text { Stub, ftump, grumows, clotted, clod, turfe, fod. } \\ \text { pOWDER, Mote }\end{array}\right.$

POWDER, Mote, Dmft, Corn; Grain, Crum, Grate, moulder.
oblong; made || either by Cutting, or by Breaking,
SCHIP, Lamin, Scale, Flake, Flaw, Flitter, Bive, ABiver, Splinter.
5. 2FRAGMENT, Piece, scrap, sheard, tatter, Flitter, rag, firead, fnìp, Jive, lice, collop, cut.
Difcontinued; denoting the refpect of
A Part put to anotber, or the wobole as being made up of fuchparts.
6. SADDITUM, itene, put to, infert, eke ont.
6. $\{$ SVMM, lay or couch together, caft up, count, draw to a bead, come to, amonnt, refult, total, in the wobole.
A Part taken out from others, or the whole remaining fiter fuch taking out.
7. $\left\{\begin{array}{l}\text { ABLATUM, abate, defalk, retrench, deduat, fabduct, fubftract, } \\ \text { take appay. } \\ \text { RESIDVE, overplus, furplufage, arrear, remaiker, remnant, left be- }\end{array}\right.$ bind, the other, the reft, relicks, orts, fcraps, reverfions, gloaning, offal, odd-exds, ftubs, fumps, fubble.
A Part repeated a certain number of times, fo es to equal the whole, or the wobole confidered as it is fo made mp.
8. $\left\{\begin{array}{l}\text { MULTIPLIER, side. }\end{array}\right.$
8. \{PRODVCT, relfangle.

A Part taken ont fuch a certain muinber of times as leaves notbing of the whole, or that number of times which is the correfpondent

TRANSCENDENTAL RELATIONS OF ACTION, may be diftributed intoluch as are more

## SGeweral.

\{special; denoting either
(BUSINESS. III.
Ssolitary; wherein more then one perfon is not neceflarily fuppofed. $\langle$ Sorial; whercin more then one perfon is neceffirily fuppofed. EVENTS. V
ITION. VI
(COMMERCE. IV
(things, are fuch as do concern

1. TRANS.

RELAT. of ACTION SIMPLE.
I. Tranjerndental refpects of ACTION SIMiPLE or relating to fingle I The General condition of a thing denotirg the making of it \|to be Jo, or SPUTTING, Sct, Lay, Mike. (to be otbermife.

1. ALTERING, Charge, Vary, Mutation, Jiift, Revolution, Vicif(lude, ones right inathing; whether
(Cataftrophe, Metamorphofis.
( Making it |l to be bis, or not to be bis.
\{ SAFPROFRIATING own, Jet apart, engrofs, monopolize.
$\}^{2 .}\{$ ALIENAIING, transferr. eftrange, paßapoayones right.
(Declaring it to be bis, or not to be his.
$\therefore$ CLAIMING, Owning, Challenging, Demand, arrogate, affume, profeß,
2. $\left\{\begin{array}{l}\text { att tilute af cribe, take upon bint, declare for. } \\ \text { ABDIC AT IN },\end{array}\right.$
, ABDIC ATIAG, dijclaim, difown, renounce, relinquifh, refufe, reject, repudiate, defirt, forfake, difavow, difherit, execrate, forfwear, defitute: cafl off, lay afide, put awoay.
Ones Poffejfion; with refpect to the
Caufing of a thing to be in ones Poffefion or not.
STAKING, Seifing, Apprehending, refume, furprize, affume, intercept.
+. ¿LEAVING, Relinquißh, Refidue, forfake, Jpare.
Biing of a thing in ones poffeffion, or the not being of fuch a thing in ones paffly
SHAVING, in hand, bold, poffes.
3. ¿WANTING, indigent, lack, mij, necejJty, need, penury.

Continuing a thing in ones Poffelfion or not.
6. 5 HOLDING, Detain, Retain, Keep.
6. $\{$ LETTING GO, Difmif furrender, give up, shed, Caft, mew, refign.

Ihe Knowoledge of things, with relpect to the
[Endeavour of knowing, or the good fucceß of fuch endeavour.
SSEEKIN
7. ¿FINDING, retrive, fift out, fmell out, Foundling.

Canfoug a thing to be known, or bindring it from being known.
SHEWING, dijclofe, detect, betray, reveal, difcover, declare, de-
8. 9 mongtrate, remonftrate, render.

COONCEALING, Hide,Shelter, Suppreß, sculk, lurk. Secret, Private, Latent, occult, underband, clofe, clancular, clandeftine in a corner, in hugger mugger, receß_retire, Лink, mich, fneak, Jip, or fteal aspay, cloke, veil,hoodwink, mask, mufle.
Canjing others to be perfecily known, or to be thought fo. SMANIFESTING, Apparent, Evident, plain, flat, open, confpicuous,
9. $\left\{\begin{array}{l}\text { iper./picuows, obvious, certain, clear, palpable, 乃bew, declare, certific } \\ \text { fet forth, come to light. }\end{array}\right.$ Jet forth, come to light.
seediing, Semblance, shem, Pretence, Pretext, Umbrage, Colour, a Shem, a blind, Formal, Appear, palliate, fain, bear in band, salke *if, make Jhewp of, Jpecious, difguife, Ey-fervice.
II. Tran-

Chap. I. Tranfcendental Relations of Action.
II. Tranfeendental Relations of Action COMPARATE, are fuch as do concern. $\begin{gathered}11 \\ \text { Rectarar. of. }\end{gathered}$
[Divers things at tbe fame time; whether fuch kind of Actions as from the nature Afioions
of the Agents or Patients, may be called
[Corporeal; denoting the
C Cauling of things to be together or afunder.
(JOINING, amnex,Connexion, couple,link, copulation, comcatenation, conjunđion, Coalition, coberent, copulative,conglutinate,combine, compact, fet or puc together.
SEPARATING, Segregate,funder, /ever, difever, divide, dijjoin, dijunite, diffect, dijolve, part, take in piecer, disjunctive.
Contimuing them together or afunder.
. ADHEARING, cleave, fick to, cling to, bang togetber, coberent, inn(cparable.
2. ABANDONING, $^{\text {Forfake, Defert, Relinquijh, Leave, Fargo, Flinch, } 2 \text { itt, Derali- }}$

Cion, forlorn, defititut, fhake or caff off, ftart back, give over.
Mental; Putting of things together or ajander
SAPPLYING, lay or put to.
3. ¿abstracting.

Both Corporeal and Mental; with refpect to the
Taking in of feveral things, or the leaving out of fome.

- COMPREHENDING, Contain, Comprize, Imply, Involve, Inclofe, Include, inclufive, bold, Complication.
EXEMPTING, Except, reffrain, fecliude, exclude, fave. falvo, fet afide.
(Putting of thingst together, the better to judge of their likenefs or unlikenefs, or examining of them for the diftinguibing of that which is right and true.
SCOMPAR ING, Conferr, Collation, refemble.

5. ¿TR Y, Prove,search,Temptation, Experiment,tesf,touch, examin,gage:poife,pofe, probe.
The fame things at divers tinges, whether the fame as to
rsubfance ; fignifying either the doing of the fame thing feveral times, or the making of a thing to be different at one time from what it was before.
6. REPEATING, Iterate, reiterate, recite, render, rebearfe, redouble, reduplicate,
7. $\left\{\begin{array}{c}\text { inculcate, ingeminate, recapitulate, renew, afreh,again, Tautology, the burder. }\end{array}\right.$ CHANGING, Mutation, Vary, Alter, Shift.
2uantity; The giving back of tbe very fame thing, or of formetbing elfe equal to it.
SRESTORING, Give back, Refitution, refund, return, Reftauration.
8. ¿COMPENSATING, Recompenfe, amard, make amends, remunerate, quit, requite, retaliate, retribute, reparation, pajing, fit, being even with, meet with, make good, cry quittance, like for like, one for anotber.
2uality; endeavouring to 乃eew how another thing is, or to do the like,
9. SREPR ESENTING, declare, Seen, exbibit, prefent.
10. ¿ImITATING, Mimick, perjonate, take forth, follow.
lyf ; as means to an end, The making of a thing more fit or leff fit for its end.
(REPAIRING, Mending, Bettering, Improving, correel, recifife, renew,
11. $\left\{\begin{array}{c}\text { reedife, Envendation, Inftauration, Redrefs, fet to right, make good, make } \\ \text { up, patchup, piece up. } \\ \text { spolling, Marring, corrupting, deprave, inupaire, raze, fcrape or crofs out, } \\ \text { gkight works. }\end{array}\right.$
III. Thofe
III.Tranf. Relat. of BUS:NESS.
III. Thore kind of Actions about which men beftow their time and labour, are called by the general name of BUSINESS, Affair,Tesk, Chare,Tranfation Matter, $\mathrm{F}_{\mathrm{*}}$ Gor, Agent, negotiate, occupie, fickle, meddle, intermeddle, dealing, imployment, adtive.

To which may be oppofed the Negation or being frec from fuch Actions ftiked' LEASVRE, Vacation vacant, idle or ßare time, mnoccupied, reftrite.

Tranfcendental relations of BUSINESS,may be diftributed into fuch as are
Previoss to it.
SMental or Verbal.
$\{$ SDESIGNING, allot, appoint, plot, preordein, project.

1. \{UNDERTAKING, enterprize,take in band, fet upon,tark. (fite materials. Real; either more general or more $\int$ pecial, with refpect to the providing of requi2. SPREPARING, Paradf, previows, ready, make way, fitting, Tuning, Harbinger. 2. ¿FURNISHING, Equipage, fiting, ready.

Parts of it; whether
Initial; with refpect to the
(Firft entrance upon a bufinefs; either Real or Seeming.
$\int$ BEGIINNING, Inchonte, initiate, commence, Inceptor, spring, Rife, Orig3. $\left\{\begin{array}{l}\text { nal, firft, fet abuut, fet forth, fet a foot, go in band woith, enter upon. }\end{array}\right.$
(OFFERING, Propofe, prafer, tender, bid, propound, overture. (be done.
(Application of the labor, either to the doing of any thing, or to know whether it can ENDEAVOURING, Devoir, beftir, adoo, coyl, ficklle, ftrein, frive, fruggle,
4. SESffort, make a fir, do owes beft, reach after, lay ont for.

EESSAYING, Trying, fay, attempt, prove, tempt-ation, Teft, Experience, enterprize,ventare, found, taft, touch, run the risk or adventare. (longer time.
Isedial; with refpect to the time beftow'd in the doing of it, whether florter or
JDISPA TCHING, Haften, quick, bigh, forward, burrt, precipitate, Jpeed, Cele-
5. $\{$ rity, Expedition, fodain, apace, out of band, cut Jort. protracting, Delay, defert, retard, Jacken, reffite, tarry, forefow, linget; prolong, lengthen, prorogne, procraftinate, dally, lagg, fand about, wobiling about. Sift off, put off: poft off, Jpin out time:
Final; with refpect to the
End of the Asion; $\|$ either the effelling of what we undertake and profefs, or our failing in it.
6 PERFORMING, Accompliffing, Atchieode, fu'fll, verifie, dijcharge, execute; 6. $\{$ keep, obferve, exploit, make good, bring top afs.

- VIOLATING, infringe, break, treßaß, trangreß.
$\pm$ Adion it felf; whether Perfect or Imperfect.
(FINISHING, Concluding, ending, accomplifhing, fulfil, performing, ceafe, give

7. $\left\{\begin{array}{l}\text { over, Period, Term, ultimate, laft, confummate, determine, dißpatched, done, } \\ \text { Cataftrophe, clap up, fbut up, wind up, clofe up, draw to an ifjue, go through }\end{array}\right.$ CMISCARRIING, Failing.
(with, run bis courfe.
Hinderances of it; either not rightly ufing the means, or not ning fome of them.
SERRING; Swerve, flip, ftray, aftray, mijtake, overfight, deviate, falter, fallible.
$\{$ beterodox, Fallacy, wprong, amijß, apory, being out, bsfide the mark.
QOMITTING, Pretermit, Wave, decline, defanlt, efcape, lapfe, leave, miß, forbear, balk, fuperfech, averlook, owerpaß, preterition, over $\rho i p$, overskip, let pafs, pafs by or over, lay alide, bold omes band.
Helps of it; denoting either avoiding miftakes at the beginning, or rectifying miftakes aftermards.
8. SPREVENTING, Anticipate, Previous, aforehand, foreftal, Forcgame.
9. $\{$ REMEDYING, Redrefs, shift, Aftergame, Help.
IV. Tran.
IV. Tranfendental relations of Action concerning fuch things as are IR. Tranfeen. alienated from one Perfon to another, are ufually called by the General Recations of Name of COMMERCE, Enterconrfe,Traffick, Prattick, bave to do pith. MERCE.
Thefe wray be diftributed into fuch-as are
¢Free; and not upon confideration
Padfrive; Not hindring one to take or to do.
10. SYIELDING, suffering, permitting, give way, give place.
11. ¿subMITTING to.
active;
(Tuperfect; denoting a millingnes to part with, or a defire to have a thing.
SOFFERING,Proffer:tender,exhibit,prefint,recommend,oblation. ZDEMANDING, Require, Challenge.
Perfeat; wilh refpect to the
Poffefion of thing; the Parting with it, or Taking of it.
12. SDELIVERING, Surrender, tranfferr, refign.
13. §RECEIVING, Take, entertain, capable, receppion, receptacle.

Right of a thing; the Parting with it, or Taking off it.
4. $\left\{\begin{array}{c}\text { GIVING, Beffow, confer, render, graint, contribute, endow, con- } \\ \text { fign, Gft, Boon, Largeß, Collation, Donation Donative, Gratis. }\end{array}\right.$
4. $\left\{\begin{array}{c}\text { Ggn, Giff, Boon, Laireeß, } \\ \text { ACCEPLIAtion, Donation, Donative, Gratio. }\end{array}\right.$ ken, Fairing, take in good part.
Conditional; and upon confideration, whether fuch as concern the
CCanfing of Relations by Actions that are
(Real; The Parting with fomething of ones own for the ufe and in the flead of another, or the reforing what another bath foparted with.
5. SDISBUR SING, Befonp, defray,exteñd,lay ouit, Burfar,Priacipal.

5: \{REFUNDING, Repay, returm, кeimburfe.
Verbal; the Comparing and meajuring of particulars, or reducing them to an equality.
R RECKONING, Compute-ation, connt, account, caff acconnt, Cal6. $\{$ culate, Andit, Score, Tally.
(BALLANCNG, Evening of Acconnts, 2xitting fcores, Adjuff.
Relations themfelves enfuing upon fuch Actions, whether as baving fomewhat of ones own in anothers poffefion, or fomething of anothers in ones own poffefion.
7. $\{$ BEING CREDITOR, Lending, Loan.
\{BEING DEBTOR, Owing,Debt, upanf fore, in ones books, bebind band, Arrear.
Ceafing or dimolution of fuch relations by fome Act of the
[Debitor; either by refforing what is dwe, or by being rendred unable for it.

8. $\left\{\begin{array}{l}\text { dage, sbot }, \text { refponfible. }\end{array}\right.$ (FAILING, Break, Bankrout.
Creditor; Acknowledgiog reftitution, or Giving away bis right toit. SACQUITTING, Dijcbarge, Qxittance, Reccipt, clear accommts.
9. \{FORGIVING, Remitting, pardoning, put up,

## 42 <br> Tranfcendental Relations of ACtion. Part. II

V. Event. V. The General name for that which follows upon Actions, efpecially
 ifjue, refult, emergence, accrue, occurr, come to paß, fall out, befall, betide, enJue, prove, redound, bappen, light, fuccede, Luck, Fortune, End, Sequel, Succef $\beta$, incident, coincident, intervene, fupervene, take effect, how fares, goes, Speeds it, come of it, come to good or to naught.

Tranfcendental relations of Action belonging to Event, may be diftributed into fuch as do concern the
Exifting or not exifting \&f the End defigned.
OBTEINING, Acquire. get, procure, attaix, reach, gain, compaß, re-

1. $\{$ cover, take, min, catch, come by, pick up.
(FKUSTRATING, Fail,difappoint miß. defeat, deceive, elude,croß, come flort of, fint off, put by, of no effect, to no purpofe vain, void.nullity. Good or Evil accrewing to us by it, with refpect to the
Increafing or Diminifhing of our Poffeffions.
SGAINING, 1 ucre, Advantage,Profit, Emolument:Stock; the proceed,
2. $\{$ acguire, get, win, recover, extort.

Lloosing, Dammage, decrement, detriment, difadivantage, difprofit, zprack, ßoil hurt, binderance, ont of ones way.
Diminißing or Increafing of our Want.
SSAVING, sparing, take up. (fumptuary, run out. 3. $\{$ SPENDING, Lay out; לeftom, expend, difpend, expence, charges, coft, Continuing, or not Continuing of a thing in our Poffef fion.
[Imperfelt; denoting the Endeavour and care we ufe about it, whether any or none. (pofitory. SLAYING UP, Treafuring, Preferving, Stow, Hoord, Store, Re4. $\{$ S QANDRING, Lavi $\}$, profufe, carele $\beta$, mißßend, embezel, maft, untbrifty, ill busbandry, spendthrift, flying out.
Perfect; Confiting in the Good or Ill fucceß of fuch Endeavour.
SKEEPING, Preferve, retain, Cuftody, bolding, promptsary, Cellar.
5. $\{$ LOOSING, Perdition, loß, wrack, fied, $/$ Pil.

Applying of a thing; whether more
isimply; denoting the applying of a thing to its proper end, or the not applying of it $\delta$.
(USING, Imploy, improve, exercife, occupy, manage, treat, bandle,
6. entertain, wjeful ferviceable, ftand in good fead.
(band. ABSTEINING, Forbear, refrain, „pare, woitbdraw, wean, bold ones
[Relatively ; as to that fatisfaction or difatisfaction of mind which we have in the ufe of a thing.
. SINJOYING, Fruition.

- \{ BEING SICK OF, Naufeate, loath, tedious, furfet, weary of.

Refult of fuch application, in the diminifling or increafing of our
Pais.
8. $\left\{\begin{array}{c}\text { REFRESHING, Recreate, relieve, recruit, relaxation, refection, } \\ \text { Bait }\end{array}\right.$ WEARTING, Lafitude, tyring, tediows, faint, fatigue.
Hinderances.
SQUIETING, Tranquillity, reft, compofe, fedate, ferene, fill, calw,, fet
9. $\{$ or be at refl.

TRCUBLING, Moleft, difturb, annoy, difquiet, incumber, infeft, interrupt, pefter, cumber, turbulent, ftirs, coil, broil, turmoil. garboil, perturbation.
VI. The

## Chap. I. Tranfcendental Relations of Action.

VI. The General name denoting Tranfendental Motion or reft, is V . Imon. ITION, Going, Pa/fing, Remove, betake, repair, tranfowifion, Penetrate, Fitt.
sTaYiNG, Abide, remain, tarry, continue, refict, reft, ${ }^{1}$ fop , fick, damm, detain, bold at a bag, Manfion, Stage, Remora.
The Relations belonging to this motion, may be diftinguilhed into fuch as are
Solitary, fuppofing but one Perfon or Thing, with refpect to its
[Moving towards or from the Speaker.
SCOMING, Arrive, Acceß, Refort, repair to, frequest, recourfe,

1. $\{$ concaurfe, confluence, return.

GOING, Depart, recede, return, regreß, ingreß, egreß, be packing,
be jogging, retire, retrograde, woitbdraw, difodge, avant, void, flip appay, flink or freak aspay, fling amasy, falt off, get gone, fot forth, rub along.
Continning of Motion; whether
Simply; Towards the fame term, or changing of the Term.
SPROCEEDING, Perfft, profecute, perfevere, progref, paß, advance, hold or go on, fet forward or on.
TTURNING, Winding, Veare, Double, tack, about, face about, . wobeel about.
With Defgn ; either to fome certain place, or to wo certatn place.
TRAVAILING, Expedition, Voyage, Fowrwey, Progref, Peregriwati-
3. $\left\{\begin{array}{c}\text { on, Itinerant, Paflenger, Wayfaring, March, fet out, Palmer, Pigriw, }\end{array}\right.$ Pafs, Paßport.
(WANDRING, stray, aftray, range, rove, ftraggle, err -ant, Vagrant, Vagabond, random, ramble, rome, prole, gad, Oypie, Rogue, Landloper, Labyrinth, Ambages.
social; fuppoling feveral perfons or things.
Caufing another


SENDING, MifJion, mi ifive, Token, convey, difmifs, Remit, ry, Currier, Arrant.
FETCHING, Bring, reduce, forth-coming.
To come after, or to go before.
(LEADING, Guide, Conduct, bring, convey, draw, Manudw-
5. $\left\{\begin{array}{c}\text { dion. } \\ \text { DRIVING, cbafe, drift, expel, repel, repulfe, goad, beat back; }\end{array}\right.$ Ferret out.
Coming after another thing in motion, or coming up equal to it.
6. SFOLLOWING. Enfue, come after, purfue, dogging, trace.
§OVERTAKING, Reach, Top, Catch, fetch up.
Coming of things togetber from feveral terms, or the Preterition of fometbing in our way.
7.

SMEETING, Obviate, obvions, encounter, occurr, Randevowze.
\{AVOIDING, Decline, Fly, , hun, efcbew, Wave, beware, efcape, evade, 乃hift off, out of the zoay.

## Of DISCOURSE;

## Or the feveral notions belonging to Grammar or Logick.

\$. V I. TE mot general name for thole external expreffions, whereby' SCOURSE, Commune, Communication, Carly, Talk, Colloquie, Tract, Treatise, handle, Stile.

To which may be annexed that particular way of difcourfe, molt in ufo, namely by articulate voice and words, called LANGUAGE, Tongue, Speech, Linguist, dialect.

The feveral things and notions belonging to difcourfe, may be diftributed into foch as do concern either the

Parts of it; or thole primary ingredients of which it confifts; whether
SHore Simple; filed ELEMENTS. I
CLefs simple; WORDS. II
\{Kixds of it; or thole fecondary parts belonging to it, whether foch as are
Proper, to
$\{$ GRAMMAR. III.
Z LOGIC. IV.
$\left\{\begin{array}{l}\text { COMMON TO BOTH. } \dot{V} \\ \text { MODES of it. VI }\end{array}\right.$
I. The

1. The firft and more fimple ingredients required to the framing of $1 .{ }^{\text {I. }}$ ELE.

Difcourfe or Language, are ftiled ELEMENTS. Abcdärian.
Thefe may be diftinguifhed into fuch as do concern either the sounds made by the Organs of fpeech, according to the
(General name ; denoting either || that which is Jpoken, or the pianure
of $i t$ in writing.
\{LETTER, literal.
¿CHARACTER, Figure, Note, Letter, Cppbre, Ortbography:
Particular kinds; relating to fuch as are
More primary and fimple; whether || fuch apert founds as are framed by a free emiffion of the breath through the organs of fpeech, or fuch clojed founds in the pronouncing of which the breath is intercepted by fome collifion or clofure amongft the inftruments of feech.
2. SVOWEL.
¿CONSONANT.
Lels primary and mixed; either that which (for the moft part) doth confift of feveral letters.pronounced in one continued motion, or of more Vomels coalefcing in one Sound.

## 3. SSYLLABLE. <br> 3. $\{$ DIPHTHONG.

Time or paufe to be obferved in the pronouncing of feveral words or fentences, according to the
General name; denoting that mark which ferves, cither ||for $f \rho \mathrm{p}$ irating fuch poords iss belong to feveral claufes or fentencces or for initing thofe words which are to be prosounced es one.

- INTER PUNCTION, Period, Point. $^{2}$
- ¿HYPHEN, Maccaph.
!Particular kinds;
(Lefier; according to the degrees of Leff or More

25. SCOMMA.
26. \{SEMICOLON.

Greater ; according to the degrees of Lefs or More:
6. SCOLON .

Manner of Pronouncing; with reference to
[Diftinction of fuch words or claufes as are
Lefs materiall'; denoting that fuch a a pfage, cither \|is not neceffary to make the fenfe perfedts or is added by poy of Explication of fomething preceding.
| 7. \{PARENTHESIS:

- More material; either that which ferves to difinnguif fuch mords, wherein the force of the fenfe doth more peculiarly comfif, or that which denotes the exords to be intended to a contrary fenfe, to what they naturally fignifie.

8. $\left\{\begin{array}{l}\text { EMPHASIS. } \\ \text { IRONY --call. }\end{array}\right.$
!Prolongation of Vowels, of Elevation of vioice in the promouncing of any fyllable. SACCENT.
\{ACCENT, elevate.
9. Thofe
II. WORDe. II. Thofe particular fomeds or Characters, which are agreed upon to' fegnifie any ome thing or notiox, are called by the general name of WORD, Verbal, verbatim, term, eadite.

That which is intended by axy fucb found er Cbaraller, is called MEANING, Senfe, sigkifcation, Purport, Acception, Import, tener, denote, weral Words may be diltinguifhed according to the
[General name; given to the chief kinds of them, whether || the more Principal fuch as lagnifie fome intire thing or notion, or the Lefs Principal, fuch as confignifie and ferve to circumitantiate other words with

1. $\left\{\begin{array}{l}\text { INTEGRAL. } \\ \text { PARTICIE }\end{array}\right.$

Particular kinds; whether of
[Integrals; confidered according to their
Natwres; being either more
SAbolute; denoting either\|the naked Efence of a thing, or the Ens
2. SABSTR ACT, feparate.
(and thing it felf.
\{CONCRETE, complex.

## Relative; to the

(Names of things; whether fuch ef fignife more fimply and of themfelves, or fuch whofe fignification doth import their being ad-: SSUBSTANTIVE. (joymed to fometbing elfe. \{ADJECTIVE.
ACtions or Paffions of things; (which is here taken notice of in compliance with inftituted Grammar, tho it be not properly one fimple part of foeech; but rather a mixture of two, namely the Predicate and Copula.) To which may be annexed that which is commonly adjoyned unto this, to fignifie the Quality or affe-
4. $\left\{\begin{array}{l}\text { SVERBE. } \\ \text { ADVERBE DERIVED. }\end{array}\right.$

Place and Orcher in a propofition, whether that which according to natural conftruction doth precede the Copula, or that which doth
SSUBJECT.
(follow it.
5. \{PREDICATE, Attribute, affribe, impute.

Particles; whether the
$\left\{\begin{array}{l}\text { Moft weceffary and effential to every propofition. }\end{array}\right.$
6. COPULA.

Leß neceffary;
Subfitutive $;$ in the room either of fome Integral mord, or of fome $\{7$. SPRONOUN
(fentence or complex part of it.
[INTERJECTION.
Connexive or declarative; whether fuch as are more
iProper to Subftantives; being uhally prefixed before them, either N that whofe office ic is to join integral mith integral on the frame fide of the Copma, or that whichferves for the weere full and 8. SPREPOSTION. ¿ARTICLE.
[Common to otber words; either that kind of particle which is ufually adjoined to Verbs, to fignifie fome kind of Mode or Circumftanoe belonging to them, or that which ferves chicfly for the joyning of claufes or fentences.
SADVERBE UNDERIVED. UI. COM9: \{CONJUNCTION.
Chap. I. Difcourfe. 47
III. COMPLEX GRAMMATICAL NOTIONS. of Speech, may III. COMbe diftinguifhed into fuch as concern the
rPortions into which a difcourfe may be divided, whether more

## Imperfedz;

iAbjolute; either that which denotes onely fome part of the fenfe, or that which fignifies fome complete fenfe.
SCLALSE, Paflage.

1. $\{$ SENTENCE, Period, Text, Aphorifm,Apophthegm, Axiom, Impreß,Motte, Pofie, Phrafe, Stile.

- Relative; to the number and order of fuch parts, either the le $\beta$, confifing of oxe or more fentences, or the Greater being an Aggregate of thefe.

SVERSE, Staffe, stanza.
¿SECTION, Paragraff, Article, Scene.
Perfecti ; conteining either a Principal part, or an Intire difcourfe.
3. $\left\{\begin{array}{l}\text { CHAPTER, ACI. } \\ \text { BOOK, TraCI, Treatife. }\end{array}\right.$

Kinds of fuch difcourfe; with refpect to the
[ Matter or Words, according to the
(Gemeral name; denoting cither a more loofe and free waay of putting the mords togetber, or that which is bound up to meafure. SPROSE.
4. ¿VERSE, Lyrick, Findarick, ode.

Particular kinds of Verfe; either that which depends only upon fome siated weafure of mords, or that which doth likewife fuppofe a fimilitude in the found of the ending. Syluables.
5. SMEETRE-ical.
5. ¿RIME.

Form or fignification of words, whether
[Natural and according to the firft intention of them, or Artificial and borrowed, containing a reference to fomething elfe of near affinity and fimilitude.
6. $\{$ PROPER.

Homely, or Ornate.
SSIMPLE.
7. ¿FIGURATE. Allegory, Improper, Riddle, Enigmatical. Full, or Defective; having fomething left out.
8. $\left\{\begin{array}{l}\text { EXPR ESS, Plain, open, flat, explicite, Hint, Inkling, mention, } \\ \text { fet form. }\end{array}\right.$ UUNDERSTOOD, Implied, implicite, tacit, ittimated. Eafie, or Difficult to be underftood.
\{PLAIN, Evident, Perficcuous, clear, exprefs, obviows, eafie, facil,
9. $\{$ explain, explicate, wnfold, illuftrate, open, make out.

COBSCURE, Dark, abftrufe, riddle, anigmatical, deep, profoumd, bard, difficult, myferiow, intrigne.
Iv. COMPLEX LOgICAL No. TIONS.
IV. COMPLEX LOGICAL NOTIONS of difcourfe, may be diftributed into fuch as are
PPofitive; concerning
Words ; with refpect to their
(Ambiguity; shewing the different fenfes which they are capable of, or ufing them in a fulluciows fenfe.
SDISTINCTION, dijcriminate.
I. $\mathcal{H}$ सURNOCATION, Ambiguow, Aimphibole.

Univerfality; Reftraining a word wnto fome more proper and peculiar fenfe, or enlarging of it as there may be occalion, to its full foope and comprehenlivenefs.
2. $\left\{\begin{array}{l}\text { LIMITATION, Reftriction, fint, bound, terminate, determine. } \\ \text { AMPLIATION, Inlarge, dilate, expatiate. }\end{array}\right.$

Things; declaring either their
[Natures; mare or lefperfectly.
3. SDEFINITION.
3. \{DESCRIPTION, characier, delimeate,pourtray, plot,platform, <Kinds; more or leßperfaitly.
(model.
4. SDIVISION, Parting, Dichotemy.

4 ¿PARTIIION; Dijfribution, parting.
Affections; manely fuch convmon principles of knowledge whereby men are to be directed in their judging. To which may be oppofed the excluding of fueh partiowier's we do not properly belong to thefe genorals.
SRULE, Maxim, Axiom, Principle, Thooram, Ganon, Rnbric, A-
5. $\left\{\begin{array}{l}\text { pborifory, regulato: }\end{array}\right.$

EXCEPTION, Exempt, refervation, refrain, "exclude, feclude, Salvo, fave, fot afide.
Comparate or difputative,
[Gentral'; mben from formethings already kworon and granted'; we endearour ta prove fome otber obing, of the taking of that other thing as being foproved

- ARGUMENTATION, Reafon, argue, dijpute, debate, dijcufs, differtation, ratiocination, demomftration, fopliffry, captious, cavil, polemic, mooting, Problem, chop Lugic.
ILLATION, Inference, confequence, confec̈ary, dectuction, fequel, Conctingion, Gorothary, refuh, follow, imply.
special; as refpecting the
(Forms moll Areificial, wixecher that which is moft full, or that which is defective.
SSYLLOOLSM
\{ENTHYMEM.
Matter;
Intrinfic frow the tature of the things themfelves, fignifying the proving of a General, whether $\|$ frome many or all the particulars, or from fome one or fono particndars.

8. SINDUCTION, Particularize.
¿EXAMPLE, Infance, exemplijfe, jpecifie, leading cafe.
Extrinfic; from the Autbority of fome other perfon, or a refemblance to fome other thing.

[^6]V. MIXED
Chap. I. Difcourfe. 49

V. MIXED NOTIONS OF DISCOURSE belonging both to $\begin{aligned} & \text { FIXED }\end{aligned}$ Grammar and Logic may be diftributed into fuck as are [Le complex; denoting foch a compleat Sentence, wherein Something scourge.
is either affirmed or denied, To which may be adjoyned fuck kind of
Sentences, as by common fe and long experience have obtained to be
of authority among/t men.
I. $\left\{\begin{array}{c}\text { PROPOSITION, Thefts, AsSertion, Point, Doärine, ObServation, } \\ \text { Potion, Problem }\end{array}\right.$
I. $\left\{\begin{array}{l}\text { Pofition, Problem. }\end{array}\right.$

ADACE, Proverb; old -Say or Saw, By. word.
[ More complex; whether
\{Kinds of dijcoirfe;
Positive:
(More general; denoting fomething to be Spoken in presence, or written to be Sent to others.
SORATION, specch,Harangne,Declamation,Oratory,Paneggric. Z EPISTLE, Letter.
More $\int$ ferial; relating to matters of Fact, $\|$ either the more usual name, or that which denotes what is commonly Said by thant.
(NARRATION, Relate, story, Hiffory, Tale, fell, Tididings, Report, recite, recount, rebearfe, impart, inform, Tradition, Annunciation, Commemoration, Diary, Diurnal, Gazer, Chronicle, Legend, bring word, give notice, or intelligence.
RUMOR, Brute, Hear-fay, Report, common Fame, NoiSe, Vogul.
i Explicative $;$-according to the
G General name;
4. INTERPRETATION, Exposition, conffruction, explain, explicate, unfold, Troxchman.
Particular kinds; whereby the words are
Altered; by putting them into another language, or into other words of the fame language. .
 or Contracted; into fewer words.
a $\left\{\begin{array}{l}\text { COMMENTARY, Glow, Note, Annotation, Stricture, } \\ \text { scholiaft, Expofitor. }\end{array}\right.$ 6. $\left\{\begin{array}{l}\text { scholiaft, Expositor. }\end{array}\right.$

EEITOME, Compendium, Brief, abbreviate, breviate, abridge, Breviary, Succinct, concijf, Abstract, Synopfis, sjflem, couch, contract, summary, extraCt, recapitulate.
Appendages of difcourfe, whether the
(Extreme; either the Beginning or the End.
7. \{ PROLOGUE, Exordium, Preamble, Proem, Introduction, Pro-
7. $\begin{gathered}\text { face, Prelude. }\end{gathered}$
(epilogue, Conclusion.
Intermediate; either that which is more neceflary, whereby one part is to be connected to another, or foch additional part as is lets necefflary to the main scope of the difcourfe.
8. STRANSITION, Paß-age.

- \{DIGRESSION, on the by, by the may, Diverfion, Excurfion, Extravagant, glance.
VI. MODES VI. MODES OF DISCOURSE may be diftributed intofuch as conOF DI-. cern the bufinefs of proving or perfwading, either
[Antecedently; denoting fuch forms of fpeech as imply
[Doubting, or a defire of being informed by otbers, to which may be oppofed the general name for thofereturus whichethers make to fuch forms of Speech.

1. $\left\{\begin{array}{l}\text { QUESTION, Ask, Interrogate, demaxd, examin, expofiulate, } \\ \text { Inquifition. }\end{array}\right.$
\{ ANSWER, Repponfal, Reply, Rejoinder, Return.
Knowing or acknowledging, whether
Pofitive'; Jaying a thing to be fo, or not to be Jo.
AFFIRMATION, Afert, averr, avonch, profi $\beta$, Affeveration,
2: 2 Pegition.
NEGATION, Deny, renounce, refufe, Recufant, dijavom, gainfay, repulfe, fay xay.
Conditional; allowing a thing to be fo for the prefert, that we may thereby the better judge of the consequences from it, or owning the truth aflerted by another.
SSUPPOSITION, Admit, premife, prefuppofe, Condition, Provifo,
2. $\left\{\begin{aligned} \text { Hypotbefis, put cafe. }\end{aligned}\right.$
<CONCESSION,' Grant, yield, allow, acknowoledge, admit, agree.
Concomitantly; as the Ads or parts of it.
[More geweral;
(Saying fomething againft what anotber affirms, or faying what is moff contrary to it.
SOPPOSITION, Gainfay, tbmart. ¿CONTRADICTION.
Arguing againft another, to which is oppofed,The fbeming an infufficiency in fuch argaments.
SOBJECTION, Impugn, Cavil.
3. $\left\{\begin{array}{l}\text { OBLVTION, Solve, Anfiver, Refolve, Subterfuge, Evafion, Cafuijf. } \\ \text { SOLVI }\end{array}\right.$
(More Jpecial; relating to
[Our ospn arguments or opinions, by hewing the truth of them, or Seconding fuch proof, by further evidence.
. SPROBATION, Prove, demonftrate, evince, Evidence, verifie,
4. $\left\{\begin{array}{l}\text { Reafon, Prefumption. } \\ \text { CONFIRMATION }\end{array}\right.$ CONFIRMATION, stablifh, eftablijb, ratifie.
Our adverfaries argmments, by ßerwing the weakneß of them, or turning the force of them againgt bimfelf.
SCONFUTATION, Refell, refite, diprove, reafon againf. •
5. \{RETORTION, Invert, recrimeinate.

## Subfequently; $;$ whether

(Reall; by rendring an adverfary umable to defend bis owon opinion, or making him to fubmit to ours.
SPOSING, Puzzle, nonplus, baffe, confound, gravel, rwn down.
§CONVICTION, Satisfe, cuikce.
Verbal; acknowledging the truth of owr opinion, or renowncing the error of bis amn.
9. $\left\{\begin{array}{l}\text { CONFESSION, Acknowledge, own, yield, gramt, profffs, cry mercy. }\end{array}\right.$
9. โRECANTATION, Renounce, retralt, recal, revoke, wufay, bite in.

CHAP.
Chap. II. Of God, and World. 51

## CHAP. II.

I. Concerning GOD. II. Of the feveral things and notions reducible under that collective Geinss of WORLD.

THofe more fpecial kinds of beings to be treated of Antecedaneoully to the Predicaments, becaufe they are not (as Predicaments are) capable of any fubordinate fpecies, are GOD and WORLD.

That which the Heathen Philofophers Atile the firft Mover, the firft and fupreme caufe of all things, and fuppofe to be a Being of allpolfible perfections, is GOD, Lord, Fehovah, Deity, Divine -ity, Deifie.

And becaufe of that abfolute Simplicity and Purity of the Divine nature, whereby 'tis diftinguifhed from all other things, and therefore inciapable of being divided by Parts, or by Differences and Species as the reft are; hereupon, under this Head there is onely provifion to be made for that great Myftery of Chriftianity, the Sacred Perfons of the Bleffed SFATHER.
Trinity $\left\{\begin{array}{l}\text { SON, Chrijt, fcfus. }\end{array}\right.$
(HOLY GHOST, Holy spirit.
To the name of God that of IDOL may be oppofed, by which is meant any Falfe God; according to the Acception of the word in that Scripture, All the Gods of the Heathen are Idols.

To the Second Perfon the name ANTICHRIST may be adjoyned by way of Oppofition ; the true Notion and Importance of the word fo requiring.

By WORLD, Univerfe, is meant the Compages or Frame of the whole Creation, with more efpecial reference to thole Principal and more Gene-

》. I.

ऐ. II. SSPIRITUAL and immaterial. I. (ralparts of which it confilts; whether §Corporeal, confidered according to the

Parts into which it is divided, whether
CELESTIAL. II.
Terreftrial: either
$\left\{\begin{array}{l}\text { Inanimate. }- \text { V. }\left\{\begin{array}{l}\text { LAND. III. } \\ \text { ANIMATE. }\end{array} \text { VATER. IV. }\right.\end{array}\right.$
!CIRCLES by which it is divided. VI.
I. By SPIRIT is meant Immaterial subftance: to which may be ad- r. spIrit. joyned,as its proper Oppofite,the word BODY, Corporeal,Matter -ial,CarA Created spirit is either fuch as (cafs,Corps,corpulent.
[Dotb not relate to a Body; and that confidered according to its
S General Name, as being a miniftring Spirit.
I. ANGEL -ical, Damon.

- Special kinds, as Good or Evil.

2. SGOOD ANGEL, Cherab, Seraphim, Good Genius.
3. $\{$ DEVIL, Satan, Fiend, Diabolical, Demon, Fury, Goblin, bad Genius.

Doth relate to a Body; and that confidered according to its
S General Name, as being defigned for the enlivening and quickning of a
3. SOUL, Animate, spirit, Mind.

Special kinds, as rendring its Body capable of
$\left\{\begin{array}{l}\text { Nutrition and Growth; } \\ \text { 4. VEGETATIVE, grow. } \\ \text { Senfe; }\end{array}\right.$
5. SENSITIVE.
(evil.
(Difcourfe and Religion', together with a fenfe of moral good and
6. RATIONAL, reafonable. $H_{2}$ II. A-
11. Heavin. II. Amongft Corporeal subfances, that which is effeemed moft simple and $m o f t$ Perfect, whofe general name is therefore frequently ufed to fignifie a place or a ftate of the greateft Perfection and Happinefs, together with that which in both thefe refpects is oppofite, are commonly ity fed
SHEAVEN, Celeftial, Firmament, skie.
\{HELL, Infernal, Stygian.
Thofe parts of Heaven wopich fall under owr Senfes may be confidered according to their.
Seneral Name; denoting fuch parts as are more Solid and Luminous.
I. STARR, Stellate.

YParticularkinds; either
Fixed, that is to fay, which do alwayes keep the fame diftance from one another. And thefe, for the better diftinction and remembrance of them, are ufually diftributed into divers parcels or little Aggregates, called Conjfellations: the received names of which are, according to their imaginary Refemblances, either the proper names of PorSons, as Perfeus, Andromeda, Orion, \&c. or the names of brute Animals, as Bear, Lion, Ram, \&c. or the namés of Inamimate things, as Balance,Arrow, \&c. which may each of them be fufficiently expreffed, as the things themfelves are to which they are refembled, without being particularly provided for in the Table. And becaufe that great Lumivary mbich rules the Day, with us in this Syftem is, by the moft received Hypothefis, thought to belong to this number; therefore may it be adjoyned, as the moft confiderable Particular be2. SFIXED STARR, Conftellation. (longing to this General. 2. $\{$ SUN, solar.

Wandring, viz. wobich do siot alroaies keep the fame diftance from one another; to which may be adjoyned that other kind of Luminous Body, pobich is now by fufficient obfervation and experiment dijcovered to be above the Atmo §phere; according to the.
SGeneral names.
$\left\{\begin{array}{l}\text { 3. }\left\{\begin{array}{l}\text { PLANET; Wandring farr. }\end{array} \text { COMET, Blazing }\right.\end{array}\right.$
§COMET, Blazing jtarr.
Particular kinds of Planets,being either
Primary;
[ Seen by ws at a diftance, either more
Frequently,
SHigher pair
4. SSATURN-ine.
4. \{JUPITER, Fovial.

Lower pair,
5. $\left\{\begin{array}{l}\text { MARS. }\end{array}\right.$
5. \{VENUS, Morning ftar, Evening far, Day farr. Rarely, as being near the Sun, 6. MERCURY-ial.

Inbabited by us,
7. The GLOBE cF SEA AND LAND, Earth, World, Occumenical, Terrestrial, Terrene, Univere, Geography. .Secondary; whether moving \|about the Earth, or abont any other Planet,
8. $\left\{\begin{array}{l}\text { MODN, Lunar. } \\ \text { SATELLES. }\end{array}\right.$
Chap. II. World. 53

1II. By EARTH, Land, World, is meant the habitable parts of this III. EARTB.
Globe; to which may be adjoyned the more general name of the Greater parts of the Earth, denoted by the word COUNTRY, Region, Land, Tralt, 2narter, Coaft.

The moft confiderable Notions belonging to Difcourfe, which refer to this, may be diftinguilhed with refped to its
f Figure, || whether equal or unequal, Convex or Concave.

1. SPLAIN, Champion, Level, Flat, Even.
¿\{MoUNTAIN, Hill, Afcent, Rijing, Upland, Downs, Knoll. \{VALLET, Vale, Dale, Bottom.
Boundaries, or adjacent Waters; which are either
On all fides, whether
(Great, |l more great, or le $\beta$ great.
2. SCONTINENT, Firm-land, Main-land.
\{ISLAND, İe, Infular.
Leß, || whether ronndijb and high, or oblong.
SROCK, Cragg.
3. \{CLIFF.

On three fades, which, according to a higher or lower Guation, as it is confpicuows $\|$ more or le $\beta$, is called
4. $\left\{\begin{array}{l}\text { PROMONTORY, Cape, Fore-land, Head-land, Point, } \\ \text { PENE-ISLE. }\end{array}\right.$

On two fides, confpicuows, $\|$ mere or lefs.
5. SISTHMUS Streight, Neck of land.
5. \{BANK, shelf, Flat, Ridge, shallowo; sbole,

On one fide, either accoiding to the more general name, or that parti-
cular bind which is fometimes covered with sea.
6. $\left\{\begin{array}{l}\text { SHORE, strand, sea-coaft, Bank-jide. } \\ \text { WASHES, sands. }\end{array}\right.$

Motion or Reft.
7. $\left\{\begin{array}{l}\text { QUILKSANDS, Drift, Syritis. } \\ \text { OAZ. }\end{array}\right.$
IV. To

It:watR. IV' To the word WATER, as it denotes the mary part of this Cerefinial Globe, may be adjoyned the word SEA, Marine, Maritime; which denotes the more general name of the greater pasts of Water, as Country or Region does of Land.

The more confiderable Notions under this Head may be diftinguifhed
Figure,\|whether equal or unequal, Comet or Concave.

1. $\{$ EQUOR, Calm Sea, smooth Sea.
2. SW AVE, Billow, Surge, Undulation, Rough.

Y WHIRL-POOL, Vorago, Gulf, Swallow n
Boundaries, or adjacent Land; which is either
[On all /ides, whether
Great, $\|$ more great, or le $\beta$ great.
2. $\left\{\begin{array}{l}\text { OCEAN, Main-fea. } \\ \text { LAKE }\end{array}\right.$

Le /s, \|whether obround and deep, or oblong.
SWELL, Head.
3. $\{$ SPRING, Fountain, Source, Rivulet.
<On three fides, $\|$ greater, or less.
SBAY, Gulf, Creek, Arm of the Sea, Harbour, Port, Key.
4. ¿PENE-LAKE, Haven, Harbours, Port, Key.

On two folds; \|yreater, or dos.

- SFRETUM, streight, Narrow Sea, sound.

CHANNEL.
On one file, cither according to the more general came, or that martiocular kind which is fometimes higher, ard foment times lover upon the 6. SSHORE, Marg ague. (Land. . 2 TIDE, Ebb, Flow, Highb-ppater, Low-water, Neap-tide, Spring-tide. Motion or Reft; whether conftantly moving, or generally at reft STREAM, River, Brook, Current, flow, pour, guff, Bourn, Rill, . 7. $\left\{\begin{array}{l}\text { Rivulet, Eddy, Gullet, Flood, Deluge, Inundation, Torrent, Cw- }\end{array}\right.$ tract, Water-courfe, Running water. (water. (STAGNUM, Pool, Puddle, Pond, agnate, ftanding-water,Dead-
V. ANI- V. The ANIMATE PARTS of the World do comprehend foch Bodies
mate
parts or
the
WORLD. theyare not commonly owned and reckoned under this Rank, yet Several Learned men have -heretofore reduced them hither, as being a more imperfect kind of Vegetable; because when Mines have feemed to be totally exhaufted of them, yet there hath remained behind forme kind of Seminal or Spermatic parts, whereby they have in prorefs of time been renewed again, and continued to propagate their i. MINERAL.

Perfect; whether according to the
General name;
2. PLANT, Vegetable.

Special kinds; denoting either, that tribe of Plants that are molt fall, tender and numerous; Or thole kinds,amongtt thee, which are comSHERB, Wort, Weed, Botanic. (monly fed upon by beats, $\dot{G} c$.
3. $\{$ GRASS, Grafe, Greenfword.
senfitive,
4. ANIMAL, Brute -i j .

Rational,
5. MAN, Woman, Human -ty, Folk.
VI. Be-

\footnotetext{
VI. Befides thofe General parts into whicb the World may be divided, ,is. mingr. there is likewife confideration to be had of thofe Imaginary CIRCLES nary Cikby robich men have agreed to divide both the Celeftial and Terreftrial Globe, for the better explaining of the Diffances and Motions of the Starrs, and the feveral Climates of the Earth; to which may be adjoyned for Affinity the Notion of ORBE, sphere.

Thefe Circles are either
Greater, dividing the sphere into two equal parts;
(Indeterminately; namely that which feparates the apper and vifible part of the Globe, from that whicb by reafon of its being below us, we cannot fee, terminating our vifion.

1. HORIZON-tall.

Determinately; as to
Northern and soutbern parts; whether
(Direcaly; wherein the Sun makes every-where equal day and night :
2. AQUATOR, Equinoctial, the Line.

Obliquely, namely, that Line wherein the Sun is fuppofed conftantly to move in its Annual courfe : to which may be adjoyned that Circular Jiperficies, on eacb fide of this, which terminates the motion of the Planets;

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.{ECLIPTIC
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Eafern and Wefern parts; wherein the Sun makes mid-day or midnight : to which thofe other Circles correfpond wbichpaftbrough the Poles of the Horizon, as the former do through the Poles of the World;
4 \{ MERIDIAN, Colure.
Leffer, dividing the sphere into two nnequalparts; whether
Polar defribed by the suppofed motion of the Poles of the Ecliptic; \|either Northern or Soutbern.
5. SARTIC.
J. ¿antartic.

Tropic, terminating the motion of the Sus in its greatef Declination; || Northern, or Soutbern.
6. STROPIC of © summer solfice.
. ZTROPIC of vo Winter Solfice.
Parallels, relating || either to the sfquator, or to the Rerizom.
7. \{PARALLEL
}

CHAP.

## CH AP. II I.

I. Of Elements and Meteors. II. Of Stones. III. Of Metals.

8. I. T7THereas men do now begin to doubt, whether thole that are called the Four ELEMENTS be really the Primordia rerun, Firs Principles, of which all mixed Bodies are compounded; therefore may they here be taken notice of and enumerated, without particular reftriction to that Notion of them, as being onely the great Maffes of natural Bodies, which are of a wore simple Fabric then the reft: For which reason the word METEOR may be annexed to Element, for its affinity in this reflect, fignifying the feveral kinds of Bodies wobich are of a more imperfect mixture. There are, according to the common Theory, diftinguifhable into
[More dimple; whether
Real, such as do actually exit.
SLighter;
$\{$ SIRE. I.
lAIR. II.
Heavier;
STATER: III.
EARTH. IV..
APPARENT.
More mixed; denoting various modes of Air.
WEATHER.VI.
I. The
I. The botteft and lighted kind of thole that are counted Elements, is I. Fire: called ©RE: Burn, Scald, Singe, Kindle, Find, Light.

The feveral Notions referring to the Parts or Kinds of it, are diftinguifhable by their Magnitude, Place, Duration, Shape, of $c$.
The General parts or kinds of Fire, are \| either greater, which feet to be enkindled Air; or le $\beta$, being a Small Separated portion of Fire.
SFLAME, Blaze, Coruscation, Flafh, Seam, Light fire. \{SPARK, strike fire.
[The special forts of Fiery Bodies, to which cultom hath given particular names, are fuch as are either
More considerable; in respect of their
(Laftingnefs, continuing for fore time in the fame place; and then \|vamiffing, or falling.
1 2. SCOMET, Standing, Blazing fer.
FALLING STARR.
suddenness; being || either the shining and flafh of inflamed Exha: lations, or the Sound made by such Inflammations, 3. $\{$ LIGHTNING, Flash, Coruscation.
3. \{THUNDER, Fulminate.

Le ß considerable;
[ More high in the Air;
(Of coherent parts, in the shape of $\|$ a ftanding perpendicular Columen, or of a Dart in motion.
SBEAM, Trabs.
4. \{DART, Jaculum.

Of Disjoyned parts, of a Chape \|bigger, or lefter.
5. $\left\{\begin{array}{l}\text { CAPRA SALIANS } \\ \text { SCINTILLA }\end{array}\right.$

More low in the Air, loofe, wandering; \|as that wobich appears often to Mariners at Sea: and if Single, it is called St. Hermon, Helena, and is thought to portend Storms; if double, 'tis styled Caftor and Pollux, Signifying good weather: Or that which adheres to, and encompafjes feveral Animals, without hurting them, being probably as Inflammation of their Effluvia.
6. $\begin{aligned} & \text { IGNIS FATUUS, Will with a } W \text { II } \beta \text {, Jack with a Lanthorn. } \\ & \text { IGNIS LAMBENS. }\end{aligned}$

1 Within the Earth;
7. DAMP.
II. ARR. II. The General name for that kind of Body, which, for its Levity and Warmith, is counted the next Element to that of Fire, is AER - 0 , Wind, It is difinguifrable by its
(Breath.
jPurity; being || either more remote frome the Earth and its Exbalations; or adjoywing to the Terreftrial Globe, aud impregnated by the Steams and Effluvia that proceed frow it.
i. $\left\{\begin{array}{l}\text { ATTHER, or athereal Air, Firmament, skic, Welkin. } \\ \text { ATMOSPHERE. }\end{array}\right.$

Kinds of mixture, according to the more
(General name, or that particnlar kind which fignifies a mixture of Watry
$\left\{\right.$ 2. $\left\{\begin{array}{l}\text { EXHALATION, Steam, Reek, Effluvium, volatile. (parts. } \\ \text { VAPOR, Evaporate, Breathe. }\end{array}\right.$
Particular kinds in refpedt of its mixture with \|Earthy, or Fiery parts.
3. $\left\{\begin{array}{l}\text { FUME. } \\ \text { SMOKE, suffumigation, bloting, fume. }\end{array}\right.$

Motion,
(Above ground; $\|$ Direct, or Circular.
\{ WIND, Blow, Gale, Breath, Blaft, Puff, Guf, Flaw, Monfoon, Trade4. $\left\{\begin{array}{l}\text { mind, Bellows, Eolipile, Faw, Ventiduct. }\end{array}\right.$
(WHIRLWIND, Herricano, Tornado.
(Vnder ground; || Violent, or Gentle.
5. $\left\{\begin{array}{l}\text { EARTHQUAKE. } \\ \text { DAMP. }\end{array}\right.$
III. WATER. III. The third of thofe greater Mafjes of Body, confiderable for its Gravity and Moiffure, is fyyled WATER: Aqueows, Dip, padle, Drein.

The names belonging to this are fuch as concern either
[The fraller Particles of it; $\|$ whether Solid, or Hollom.
. $\left\{\begin{array}{l}\text { DROP, Drip, drible, drizle, trickle, fprinkle, run, fhed, infil. } \\ \text { BUBBLE }\end{array}\right.$
I. $\left\{\begin{array}{l}\text { BUBBLE, Froth, Spume, Fome, Mantle, Ebullition. }\end{array}\right.$

The Afixture of it with Air, \|Vpper, or Lower.
\{CLOUD, Overcaft, gloomy.

- ¿MIST, Fogg, nebulous.

The condenfation of it, $\|$ from a Clond, or from a Mift.
3. $\{$ RAIN, Drizie.
3. \{DEW.

The Congelation of it, according to its more
(General acception, or according to that Jpecial kind of it relating to the fmaller particles of a cloud, fyled SFROST, Freeze, Ice, congele, Iffcle. \{SNOW.
Particular reftriction to the Drops $\|$ of Rain, or of Dew.
SHAIL.
5. \{ RIME, Hoar-frof.

The Kinds of Dem:
\{More Concrete; of a froeet taft : to which may be adjoyned that peculiar kind of phyfical Deno mixed with the Exudations of the Plant

More Liquid; gathered from Plants by Bees: to which may be adjoyned for its affinity, hat other natural Bcdy gathered likewife by 7. SHONY. (Bees, and of a clammy confiftence.

IV, That
IV. That which is commonly deforibed to be the Coldeff, Thickeft, iv. earth. Henvieft, of any of thole Bodies counted Elements, is called EARIH, Land, Mold.

This is diftinguifhable by its
Smaller Particles;
(Alone and without mixture.

1. DUST.

Mixed with Water.
2. DURT, Aud, Mire, claggle, puddle:

Separated by Fire, \|defcending, or ascending.
SASHES, Embers, Cinders.
3. $\{$ SOOT, Fuliginous.

Bigger Maples of it, Serviceable for building, and of a
(Cold, clammy confiftence, to which that common mixture which is made of this may be adjoyned for its affinity.
SLAY.
4. そMORTAR, Lome.

Hot and dry confiftence, usually wade of burnt Stone; to which, for the fame reafon, may be adjoyned that other common mixture made of this.
5. \{LIME. PLASTER, parget, Patras, daube.
 and that other Pair, Drop, Bubble, under the third Difference; with thofe other Species under the fourth Difference, mut be granted to be befides the common Theory; But there is this account to be given of it, That there lems to be the like kind of resemblance and affinity in there to their Genus'es,as there is in lome of the other Species, which are commonly received.
V. APPEARING METEORS are fuck as only fem to be and have v. APPEARnot any real exiftence. ing mete-
Theft are either of 2
Determined shape;
Part of a round.

1. RAINBOW, Iris.

Round robolly;
Encompafing any of the Planets or bigger Stars.
2. HALO.
\{ RepreSenting || the Sun, or the Moon.
SPARELIUS.
3. \{PARASELENE.
straight.
4. VIRGF,, Streaks,Rays of Light.

Undetermined shape, being a feeming Hollowness or opening in the Heavens
5. CHASM, Gaping.
VI. By
VI. WEA.
VI. By WEATHER is meant the ftate and condition of the Air; the THER.
feveral kinds of which, not fufficiently expreflible by any words in the
precedent Table, are confidered either as to
SThe Air's || Tranparency, oopacity.
i. SCLEARNESS, open, ferene.

そHAZINESS.
The various Meteors woberewith it may be affected; whether
Rain,
[simply and by it felf; either
SDops, || ittle, or great.
2. SMIZLING, Drizale.

ZSHOWR.
stream.
3. SPOUT.

IMixed, $\|$ mith violent Winds, or with Snow. SSTORM.
4. そSLEET.

Winde, confidered according to its
(2uality; whether exceffively cold, or mixed with noxions onpours.
5. BLASTING.

Quaxtity; being either
Little, or not jufficient to ruffe the waters.
6. SGENTLE GALE, Breez.
6. CALM, still, Halcyon.
(Aluch; whether equal, or unequal.
7. \{STIFF GALE, High moind.

## OF STONES.

SUch kind of Minerals as are bard and friable are called STONES,
Petrifie, ¿2uarry: to which EARTHY CONCRETIONS may be annexed by way of affinity, being more foft and brittle, and of a middle nature betmixt Stones and Metals.
Stones may be diftinguifhed into fuch as are
(VULGAR, and of no price. I.
MIDDLE-prized. II.
PRECIOUS ; either
SLESS TRANSPARENT. III.
§MORE TRANSPARENT. IV.
Earthy Concretions are either
SDISSOLVIBLE. V.
¿NOT DISSOLVIBLE. VI.

1. VULGAR STONES, or fuch as are of little or no price, are diftinguifhable from their different Magnitudes, Ules, Confiftences, into the

Buildings; whether of
Walls; chiefly, being of a
Softer confiftence; \| whether natural, or factitiows.
$\{$ i. SFREE-STONE.
\{BRICK.
Harder confiftence; not eafily yielding to the Tool of the Work$\left\{\begin{array}{c}\text { Greater maffes; } \\ \text { 2. RAGG. }\end{array}\right.$
(man,growing || either in
Leffer mafles; whether fuch as are for their figure
More knobbed and unequal; ufed for the friking of fire, $\|$ either the more common which is leßheavy, or the lefs common which is more beavy, as having fomething in it of a metalline SFLINT.
3. §MARCHASITE, Fire-fone.
-More round and even;
4. PIBBLE, Tbunderbolt.

Roof or Pavement; being of a laminated figure, \|either natural, or faclitious.
5. $\left\{\begin{array}{l}\text { SLATE. }\end{array}\right.$

Netals, either for the
Sharpning or trying of them.
6. \{ WHET-STONE.
(Polijbing or cutting of them; \|being either of a more fpungy and Soft, or of a more bard confiltence.

SEMMICE.
LLefor Magnitudes; || either more, or leß minute.
8. \{SAND, Grit.
II. MID-
i1. MIDDLE II. MIDDLE-PRIZED STONES are either of a PRIZED
STONES. Shining Politure, or capable of it; whether of a

Simpic mbite colour, and more foft confiftence.
I. ALABASTER.
sometime mbite, Sometime black or green, and fometime variegated with veins; growing in ||greater, or leffer Maffes.
2. $\left\{\begin{array}{l}\text { MARBLE, Porphyrie. }\end{array}\right.$
\{AGAT.
spotted; \| with Red upon a Greenifh colour, or with fpots of coldcolour upon Blews.
3. SJASPIS, Heliotrope.
3. \{LAZUL, Azare-fone.

Tranfparency: either
$\int_{\text {Brittle ; } \| \text { whether natural, or faclitiows. }}$
SCRYSTAL -ine.
ZGLASS, Vitrifie.
Fiffil, into Flakes, || either greatcr, or lefer.
5. SSELENITE, Mufccevia glaß, Ifingglaß, sparr.
5. 3 TALC.

Relation to Metals; \|attralling of Irom, or making of Braf.
6. SLOAD-STONE, Magnet -ical, Cosupaß.
¿CADMIA, Calaminaris.
Incombuftible sature.
7. AMIANTUS, Asbefins.
strange Original; not being properly Minerals, though ufually reckoned amongft them; but either a- fub-marine Plant; or fuppofed to proceed from a liquid Bitumen.
8. SCORAL-ine.

AMBER.
There are feveral other kinds of Stony Confiftences mentioned in the Authors who write de Lapidibus. Some that are found in the Bodies of Animals, their Stomachs, Guts, Bladders, Kidneys, boc. Several of which are demominated from the Animals in which they are found; as Aleclorius, Chelidonius, Bezoar, Cec. Others have peculiar names frove their flapes; as Afiroides, Glofopetra, ©r. Others made of Animals or parts of Animals petrified, which may be fufficiently exprefled, without being particularly provided for in the Tables.

1. $\left\{\begin{array}{l}\text { OPAL. } \\ \text { CATS-EYES }\end{array}\right.$
¿CATS-EYES.
articular Colours.
Whitifh and Soining; though this be not properly a Mineral, but a part of a teftaceous Fihh.
2. PEARL.

Red.
3. SARDIUS, Cornelisn, Bloud.ftome.

Palc Flefby colour, like that of a man's nail.
4. ONYX.

Blemifa
5. TuRCOIS.

Pale Purple.
6. CHALCEDONY.

As for that which is commonly ftyled a Toadfone; this is properly a tooth of the Filh called Lupus marinus, as hath been made evident to the Royal Society by that Learned and inquifitive perfon $D^{\text {r }}$ Merit.
IV. MORE TRANSPARENT Gemms; may be diftinguifhed into IV. PRECle fuch as are either
Colourleß: \| either most bard and bright; or that which is very like to
this in other refpects, but onely los bard and bright.

1. SDIAMOND, Adamant.

RENT:

1. そSAPHIRE WHITE.
(Colonred; to be ranged according to the order of the colours in the Rainbow.
Red; of a luftre \|greater, or le $\beta$.
2. SRUBY, Carbuncle.
3. $\left\{\begin{array}{l}\text { GRANATE. }\end{array}\right.$
rellow, whether paler, or deeper.
4. $\left\{\begin{array}{l}\text { CHRYSOLITE. } \\ \text { TOPAZ. }\end{array}\right.$

Green ; $\|$ cither moft bright and pleafant, or of a darker kind of sem green.
4. $\left\{\begin{array}{l}\text { EMERALD, smaragd. } \\ \text { BERYL. }\end{array}\right.$
¿BERYL.
Blewifo.
5. SAPHIRE.

Purple or Violaceous ; serve inclining \|to Blew, or to rellow.
6. $\left\{\begin{array}{l}\text { AMETHYST. } \\ \text { HYAGINTH. }\end{array}\right.$
V. Such
V.earthr $V$. Such EARTHY CONCRETIONS as commonly grow in CONCRFTI- Mines, together with fuch other fictitious subflances as have forme analoSolvibie. gy to thine, and are DISSOLVIBLE by Fire or Water, may be diftinguifhed by their being

## Not inflammable:

More Simple; being feverat kinds of salt, $\|$ whether of the
Sea -mater, the molt neceffary Condiment for Meat; or of the Air, used as a chief ingredient in the making of Gmapasoder.

1. $\{$ SALT, Brine.

Earth; || of a styptic quality and abfterfive, proper for the drying of Wounds, commonly boiled up into a confiftence from a minerat water; or that other kind of Earthy Salt dug up in great lumps.

2. \(\left\{\begin{array}{l}ALUM.<br>SAL GEMMA.\end{array}\right.\)

Metals of all kinds, fometimes called Sugars and Cryftals; but agreying in the common nature with that which is ftyled
3. VITRIOL, Cbalchanthus, Copperas.

Vegetables; made $\|$ either by fermentation, or by burning.
4. $\left\{\begin{array}{l}\text { TARTAR } \\ \text { Al CALI. }\end{array}\right.$

Animal subftances, made by Diftillation, called
5. URINOUS SALT.

More mixed of other Salts; $\|$ more volatile, or fixed.
t. $\{$ SAL AMMONIAC.
\{CHRYSOCOLLA, Borax.
inflammable; of a more
(Dry confiftence, and rellowifs colour.
7. SULPHUR, Brimfione.

Clammy and tenacious confiftence
Y Not foreet-fented; $\|$ more Solid, or more liquid.
$\left\{\begin{aligned} \text { e. }\left\{\begin{array}{l}\text { BI I UMEN } \\ \text { NAPHTHA }\end{array}\right.\end{aligned}\right.$
sweet-fented.
9. AMBERGRIS,

VI EARTHY CONCREIONS NOT DISSOLVEBE.
VI. EARTHY CONCRETIONS NOT DISSOLVIBLE may be diftinguifhed by their various Colours; being either
;White and fort according to degrees, $\|$ more, or le $\beta$.

1. $\left\{\begin{array}{l}\text { CHALK. } \\ \text { MARE. }\end{array}\right.$

Yellowish red, whether more yellow, or more red
2. SOKER, Yellow oker.
2. \{RED OKER, Ruddie.

Black; of a finer or courier grain.
3. SJETT.
3. \{PIT-COAL, Sea-coal. .

Gold -colour, of a poisonous nature, $\|$ either as it is dug out of the Earth, 4. $\{$ ORPIMENT, Auripigmentum.
4. そARSENIC, Rats-bane.
:Reddi $\jmath_{3}$; often found in the fame Mines with Orpiment.
5. SANDARACH.

Of

## OF METALS.

METAL is a Mineral, for the moft part, of a bard confiftence, $\rangle$. III. clofe, ductil, and fufil: It is diftinguifhable into
Perfect.
SNATURAL. I. ZFACTITIOUS. II. Imperfect, with reference to SMETALLINE KINDS. III. そRECREMENTITIOUS PARTS. IV.
I. By NATURAL METALS are meant fuch as of themfelvesgrowin in i. NATUthe Earth, without any kind of mixture, or other help by the Art of men. RALI. MeThefe are either
${ }^{1}$ More rare and precious; of a
(Tellowifh colour, moft heavy, not growing in any particular Mines; where tis imbafed with any drofly mixture : but found pure, either in fmall fands, or rocky branches.

1. GOLD, Gilt, or.
(Whitifi, and next in value to Gold, not fubject to ruff,and of apledfant found.
2. SILVER, Argent.

Of a middle value; of a
SWbitifh colour, and more foft confiftence.
\{ 3. TINN, Stankery.
Reddifo colour, the firft material of Mony.
4. COPPER.

Moft bafe and common :
$\left\{\begin{array}{c}\text { Of a ofter confiftence, and a darkiḥ colour, not fonorows. }\end{array}\right.$
5. LEAD, Plummer.

Zof a barder confiftence, being the common matter for Weapons and Tools. 6. IRON.
II. By FACTITIOUX METALS are meant fuch as are made by the in. FACT1Art of men. Thefe may be diftinguilhed into fuch as are made of trous (Copper and Iapis calaminaris.
I. BRASS, Brafier.

Tinn, Lead, and Tin-glaß. •
2. PEWTER-er.
(Iron depurated by frequent heating, and beating, and boiling moith salts. 3. STEEL.
III. IMPERFECT kinds of METAL, are cither

## Fluid.

$\left\{\begin{array}{l}\text { I. MERCURY, } 2 \text { wick-filver. }\end{array}\right.$
Solid and confiftent; yjed for
PPurging, and chiefly for Vomiting.
2. ANTIMONY-al.

Making of Pewpter, being of finining brittle fubftance.
3. BISMUTE, Tin.glaß.

Making of Soder, being like Tinn, but more bard and brittle, 4. SPELTER, Zink, spalt.

PPainting ; \|confidered according to its natural ftate, being the Oar of Quick-filver, and of a Dark red: or elfe as it is prepared by grinding, which renders it of a Bright red.
5. $\left\{\begin{array}{l}\text { CINNABAR, Redle. } \\ \text { VERMILION }\end{array}\right.$

Writing ; not known to the Ancients, and therefore without any Latin or Greek name.
6. BLACK-LEAD.
IV. RECREMENTITIOUS PARTS OF METAL, are fuch as are caft off; either in the
Preparation of them, by
[Melting; being of parts.
(More large and united; a kind of foum arifing from the feparation of impurer mixtures in the fufion of Metals, chiefly in the purging of Silver from Lead.

1. LITHARGE.

More minute and Separate; being a concretion of the lefferparts of
< Copper, which fly out when that Metal is in fufion; \|l ither the beavier parts, which by their gravity defcend to the floor: or the more light and volatile parts, which adhere to the roof or walls. 2. $\left\{\begin{array}{l}\text { SPODIUM. } \\ \text { POMPHOLYX. }\end{array}\right.$

Beating or hammering.
3. SCORIA, Scales.

Corruption of them; according to the
$\cdot\left\{\begin{array}{l}\text { Gencral name. } \\ \text { 4. RUST, } \\ \text { Canker. }\end{array}\right.$
Particular kinds; proceeding either of Copper and Brals, or of Lead.

5. \{CERUSE, white lead.

## CHAP. IV.

1. Of Plants, The difficulty of enumerating and defcribing thefe. II. The more general diftribution of them. II I. Of Herbs confidered according to their Leaves. I V. Of Herbs confidered according to their Flowpers. V. Of Herbs confidered according to their seed-veffels: V I. of shrubs. VII. of Irees.

THe more perfect kind of Vegetables are called by the name of Plants, the feveral kinds of which are fo exceeding numerous, as muft needs render it a very difficult tafk for any man who is moft verfed in the ftudy of them, either to enimerate them fo fully or to order them fo acurately, as will not be liable to many exceptions; efpecially confidering the ftreining and force that muft fometimes be ufed, to make things comply with the inftitution of thefe tables into which they are to be reduced.

Gafpar Baubines doth in his Pinax reckon up about fix thoufand feve: ral plants, the particular names of which do amount to almoft twice the number of words here intended for the whole body of language. And there is reafon enough to believe, that there are many more befides thofe. he mentions, fince we find by daily experience, in fowing the feeds of Flowers and of Trees, and the different wayes of culture ufed about them, that new kinds of Flowers and of Fruits are continually produced, fuch as were not before deferibed by any Author, and fuch as do afterwards propagate their kinds; infomuch that it may well be doubted whether there be any determinate number of thefe fubordinate Species:

I defign in thefe following tables to take notice only of the chief families of Plants, to which the others are to be reduced. In the defcriptions of which, there will be no fmall difficulty, by reafon of their great number, and the want of proper words to exprefs the more minute differeaces betwixt them, in refpect of thape, colour, taft, fmell, erc. to which inftituted languages have not affigned particular names. I mention this by way of Apology for the fevefal defects, which I am fenfible of in the following tables.

In the defeription of thofe Plants which are heads of nimerois families, I take notice only of that Communis ratio, which belongs to all the fubordinate varieties of them, unlefs it be when there is no fuch common agreement belonging to them all : or where feveral things are reduced under the fame head, fome for their agreement in one Accident, and others for their agreement in fome other Accident; in which cafes the defcriptions here mentioned, are to be underftood of the chief and moft common Plants of that name.

As for the various particulars contained uinder each fanily, as fuppofe Tulips, Rofes, Apples, Pears, Ptums, ${ }^{\prime} c$. Thefe need not be particularly provided for, both becaule the juft number of them is not yet ftated; every year producing new ones: And becaufe they may as well be exprcfied Periphraftically here as in all other Languages; either by their
[Seafons; whether Early or Late, Vernal, Autumnal, Hyemal.
Laftingneß; being either Annual or Perennial.
Bigne/S or Littleneß, Talnefs or Lownels.
Manner of growth; whether Erect, Trailing, Creeping, Climbing, Twitting.
Place of growth; cither Terreftrial, Hilly, Sandy, Stony, Clay, ecc. Aquatic, belonging either to Sea or Rivers, Mariih, Moorifh, Fenny grounds.
Several parts; whether in refpect of the
[Root; being either Fibrows, of bigger or leffer ftrings, more or lefs numerous, fpreading fidewife or tending more directly downwards: Or Bulbows, of one fingle bulb or feveral, whether Ob round, Comprefled, Oblong, Coated or Scaly : Or̈ Tuberows, having its thicker parts contiguous, or hanging more at a diftance by fmall ftrings.
Stemm or ftalk; whether Solid or Hollow, Smooth or Rugged, Round or Angular, Knotted or Jointed more or lefs frequently, being free from leaves, or having leaves.
Leaves; whether as to their
Superficies; being Smooth, Unctuous, Shining, Rough, Prickly, Hairy, Woolly, ©́c.
shape and figure; Round Angular, Broad Narrow, Long Short, of fmooth or of indented, jagged, waved, curled edges, being either fharp or round pointed.
§Subfance or Bulk; Thick Succulent, or Thin Dry, being interfperfed with nerves either direct or traniverfe.
Colour; whether the fame on both fides or different, clear or fpotted, of a brighter or darker green.
Number; One, Two, Three, ©re.
Manner of growth; whether fingly, or in pairs oppofite to each other: or having more then two encompaffing the ftalk, Winged, Fingered, © $c$.
Flowers; as to their
[shapes; confifting of one fingle undivided leaf,either divided at the edge or not : or having feveral leaves, three, four, five or more.
Colour; whether fimple, as Red,Yellow, Purple, Crc. or Mixed, Striped, Speckled, Edged.
Number; Bearing either One or Many, and thefe either fingle or double.

- Manner of growth; whether of fingle flowers, being Erect, Hanging, Reverfed, Óc. or of feveral flowers, Verticillate, Spicate, Umbelliferous.
seed.veffels; whether Oblong, Clofed or Open, Round, Hollow, Solid, Smooth, Rugged, Prickly, Scaly, conteining few or many . feeds.
seeds themfelves; Round, fquare, flat, oblong, downy, drc. fmooth,
Echinate, black, white, fhining, orc.
Fruits; Apples, Berries, Orc.
Juice; Waterih, Gummy, Milky, Yellow.

To all which may be added their different fmells and talts, and the feveral ifes they are commonly applyed unto; by fome of which Accidents all other Plants may be fufficiently defcribed.

I had formerly diftributed the kinds of Herbs, according to thofe feveral ends and purpoles for which they are commonly ufed, into thefe three heads; I. Such as are for pleafure, being ufually cherifhed in Gardens, for their flowers, or beauty, or fiweet fent. 2. Such as are Alimentary, being ufed by men for food, either in refpect of their Roots, their Leaves or Stalks, their Fruit or their Seed. 3. Such as are Medicinal, being either Hot and biting, or Cold and Stupefying, Purgative, A1terative, Vulnerary. But upon further confideration I am fatisfied, that though thefe heads may feem more facil and vulgar; yet are they not fo truly Philofophical, but depend too much upon the Opinions and cuftoms of feveral times and Countries.

As for the ufual diftinction betwixt Shrubbs and Trees, it doth not feem (at leaft fo farr as thefe things have been hitherto defcribed) to have any fuch diltinct limits in nature, as were to be defired, and as is to be found betwixt other things, there being feveral under each head, which feem to be of a doubtful condition. Some that are reckoned for Sbrubbs, which have a fair pretence to be placed amongft Trees : and othersaccounted Trees, which without any injury might be reduced to the Genus of sbrubbs. I do in the following tables comply with that opinion, which feems moft common and probable.

The reafon why the two laft differences of Trees, is not from their fruit (as the othersare) but from their Woods and Rines, or from their Rofins and Gumms, is becaufe thefe are the only things that we yet know of them, their natures in other refpects being not yet (for ought I know) defcribed by any Authors.

As for any new §ecies of Plants that fhall hereafter be difcovered, 'tis probable they may by analogie be reduced either to fome of the fami. lies here mentioned, or at leaft to fome of the Tribes.

I have added to the feveral fpecies of Plants and Animals, their Latin names in the Margin, becaufe many of them are as well, if not better, known by fuch compellations; and becaufe they are moft frequently - treated of by the Authors who write in that Language.

Plants may be diftinguilhed into fuch as are more
(Misute and tender, called Herbs, to be confidered according to their $\left\{\begin{array}{l}\text { Leaves. } \\ \text { Flowers. }\end{array}\right.$
$\{$ seed-veffels.
Large and bard being wooddy plants, whether the
Leffer, which commonly grow up from the root in feveral ftemms called shrubbs.
LLarger, which of themfelves do grow up in one fingle ftemm, called Trees.

Hetbs

2. 11. 

Dogruedty,Google
\$. III, HERBS CONSIDERED ACCORDING TO THEIR LEAVES, may be diftinguifhed into fuch as are
Simperfect ; which either do want, or feem to want fome of the more effential parts of Plants, viz either Root, Stalk or Seed.
rerfect; having all the effential parts belonging to a Plant, to be diftinFaflion of the leaf; whether (guifhed by the
Long; as all Gramineousherbs, having a long narrow leaf without any foot ftalk.
(Not flowring jo(i.) not having any foliaceous flower.
S FRUMENTACEOUS; Such whofe feed is ufed by men for food, either Bread, Pudding, Broth, or Drink. II.
NOT FRUMENTACEOUS; III.
Flowring; Being of
(BULBOUS ROOTS; Having no fibers from the fide, but only from the Bottom or the Top; whofe leaves are more thick, undivided, frooth-edged, and generally deciduous. IV.
AFFINITY TO BULBOULS ROOTS; $V$. ROUND; VI.
Texture of the leaf; being either
SNERVOUS; having feveral prominent Fibers. VII.
\{SUCCULENT; having thick juicie leaves, covered with a clofe membrane, through which the moifture cannot eafily tranfire, which makes them continue in dry places. VIII.
SUPERFICIES of the Leaf, or MANNER of Growing, IX.
I. IMPERFRCT HERBS.

1. IMPERFECT HERBS may be diftinguilhed into

TTerreSfrial; whether
Moft imperfect ; which feem to be of a fpontaneous generation.
Having no teaf,
With a Stemsm and 'Head; the Greater or the Leß. The later of which hath by Mr. Hook been firf difcovered to confift of frall ftemms with little balls at the top, which flitte? out when 1. SMUSHR OOM, Toadftool, Fungus, Touchwood, Spuinke. (ripe. I. \{MOULD, Horine $\beta_{\text {, V Vinnerod. }}$

Without a Stem, of a roundifh figure \|growing either in the ground, being efculent, \& counted a great delicate:or on the ground, being
Tuber.
Fungus pulverulentaso
Fungers. STRUBS, Trufle. (when dry)full of an unfavory hurtful duft. 2. \{FUZBALL, Puchfif.
!Having a leaf; being generally deeper then other plants and curled, growing in fuch barren places where no other plants will thrive, $\|$ either that which grows, both on the ground, and on malls and trees, of which there are great varieties : or that which grows

Filis.
Dryopteris.

SMOSS. (oniy in moiftgrounds and fady places.
3. そLIVERWORT.

Lef Imperfect ; being counted Infoccund, whofe feed and flower (if there be any) is fcarce difcernable, commonly called Capillary
f Have Several leaves;
(Plants, whether fuch as
Divided;
( Doubly; or fubdivided,
(Greater; of a brighter or a darker green, the later being lefs and SFEARN, Brake.
(more finely cut.
\{OAK-FEARN.
either that which grows commonly on walls and dry pla-
Chap. IV. Herbs according to tbeir Leaves. ..... 71
ces, fomewhat refembling Rue both in the colour and figure of the leaf: or that which grows in moift fhady places, having
fmall lender black ftajks.
SWHITE MAIDENHAIR, Wall.rue, Tentmort albwm. §BLACK MAIDENHAIR. ..... in.

singly ; or not fubdivided,
rin.
(Greater; of a broader leaf, and purgative root: or of a narrawer and langer leaf.
SPOLYPODI.
SPOLYPODI. $\left\{\begin{array}{l}\text { ROLYGH SPLEENWORT. }\end{array}\right.$(Lefler; either that which hath a black falk and roinged leaveslike thofe of a Vetch : or that which hath a thicker תoorterleaf, not divided to the middle ribb.
7. $\{$ SPLEENWORT, Miltmaft.
Trichomianes:
Afplenium.Undivided; either that whofe leaves are fomewhat broader tomardsthe bottom, where they encompals the falk like a half moon: Orded fucculent leaf, with a fmall ßike ftanding off from it.
9. $\left\{\begin{array}{l}\text { SOON WORT. } \\ \text { ADDERS TONGUE. }\end{array}\right.$the top or immerfed in the water, having little frings fhootingdown from them : Or that which confifts of long frall flimy fila-ments, refembling green raw filk.
IO $\left\{\begin{array}{l}\text { DUCKWEED. } \\ \text { HAIRY RIVERWEED. }\end{array}\right.$
Lens paluftris.
Conferva.

Polypodium. Lombitis: ophioghofum:

Epongia. Androfaci.

Softer comffence; having fome refemblance to
Mußbrooms; either the Greater, being more round and thick, with pores every way: or the Lefß, having long fender fialks with - round leaves growing at the top of them.
11. $\left\{\begin{array}{l}\text { SPUNGE } \\ \text { SEA NAVELWORT. }\end{array}\right.$MOß, or ground Liverwort, having green curled leaves fpreading12. SEA-LETTICE. . (on the ground. Lainca mia-Muhbrooms and Moß; either that which is flat and roundyfh, hard rina.and tough, with feveral lines parallel to the circumference: orthat whofe leaves grow ont of one another without any femm.
LEAVED OYSTERWEED.
Anrix marina:opantia ma-Capillary Plants; having a foft membranaceous tough leaf, growing ${ }^{\text {inna. }}$commonly uponStones and Rocks in the Sea.
14. WRACK.[Harder coinffence; being tough, with many fil res or ribbs elegantlydiftributed fomewhat like the Malhes of a Net, growing to agreat bredth.

III. GRA-

Chap. IV. Herbs according to their Leaves.
III. GRAMINEOUS PLANTS NOT used by men FOR FOOD, may be distributed into III GRAMIfuck as are
More properly called Gaffes ; (i.) fuch as have a hollow jointed, and not branched alk, and PLANTS
a ftamineous flo" er, whether fuck as are
Spicate; confiderable for the
BY MEN
Largenofs of the feed; being neared to thole of the frumentaceous kind; either ; that of EOR FOOD:
2 fort /pike, Squamous and fining feed: or that refembling Pa ic.
$\left\{\begin{array}{l}\text { 1. }\left\{\begin{array}{l}\text { CANARY-GRASS } \\ \text { PANIC-GRASS. }\end{array}\right.\end{array}\right.$
Figure of the Spike ; whether
Full, compar and round; either that whole fine is more fort and downy, refermbling a fox-tail : or that which is like this but more rough.
FOXTAIL.
2. \{ Cats-tail.

Not full, but lank; resembling either
Wheat;
3. WHEAT -GRASS.

Yhalaris.
Gray. Pan co-
*m.
Alopecuros. ${ }^{-}$
Gr. Typbisxm.

Gr. Triticeum.
Ry; either ll the greater used for the making of fails: or the lifter.
4. $\{$ MATWEED.
4. ${ }^{\text {WILD EARLY. }}$

Not compar $\dot{\mathscr{O}}$, but loose, in which the parts are not clofefer together ; e other that whole folie is more fiat and long, the feeds growing only on two ides alternately, having an inebriating quality : or that whole pike hath forme rejemblance to wheat, the plant being apt to spread it elf by the root.

$$
5\left\{\begin{array}{l}
\text { DARNELL, Tares. } \\
\text { DOGS-GRASS, } 2 \text { witch, }, ~ \text { couch. }
\end{array}\right.
$$

Sodium.
Gr. Caninum.
Not round; but having the husks inclining owe way, being divided into many parts, each whereof refemblesthe comb of a Cock.
6. CRESTFD-GRASS.

Gr.Criftasumb.
Paniculate; considerable for the
Largeness of the Leaves; having jointed falls; either 1 that whole folks is commonly
bigger and taller then other Grafles : or that which bears a large perforate fining feed
of an ah h colour.
7. \{REED.
\{JOB'S-TEARS.
brando.
Latrine 706
(Figure of the Panicle; comprehending foch kind of plants as are
Less common; whether foch as have
Some resemblance is the panicle of Oats, or to the claws of a bird.
OAT-GRASS.
8. $\left\{\begin{array}{l}\text { OAT-GRASS. } \\ \text { FINGER -GRASS }\end{array}\right.$

Gr. Avenace:-
Many
Many squamous fining holorv beads hanging upon fender folks: or having hairy
leaves, with long woolly flings on the fides of them, the feed being conteined in a clone leed-veriel.

Hoff common ; both in Paftures and Meadows, yielding the bel food for Catted, both
Gr.trems lam:
Gr. hirjutum. when growing, and when made into hay. 10. MEADOW-GRASS,

Gr.pratenfo
$\dot{I}_{e} /$ s properly called Grafter ; conliderable either for the
paniculatum.
Sent of the plant being feet ; either that which grows in watery places, having a leaf like
a flag, bearing a 7 zines hard and clofe: or that whole stalks have a pong pith, bearing flowers like thole of Reeds.
11. $\left\{\begin{array}{l}\text { SWEET SMELLING REED: } \\ \text { CAMELS HAY }\end{array}\right.$
\{ CAMELS HAY.
Stalk; being
Calamari 1 rr.
maticus,
Schoenantbua,
Defer;
pith
$\left\{\begin{array}{l}\text { 12. }\left\{\begin{array}{l}\text { GALINGALE. } \\ \text { RUSH. }\end{array}\right.\end{array}\right.$
(Greater; of a woody fubftance, porous, aped for walking slaves. 13. CANE.
cyperw.
Fucus.
Head or pike; whether more
Loose ; having a fort downy fubftance ; 11 either on each file of the frize; making it to roe-
femble a feather: or intermixed wist the panicle.
$\left\{\begin{aligned} \text { 14. } & \begin{cases}\text { FEATHER GRASS. } & \text { COTTON GRASS. }\end{cases} \\ \text { Close } ; \text { whether } & \text { Gr.plamofiwi. }\end{aligned}\right.$

Clofe: whether
Gr. 1 momenta

- Greater; either that which hath a round cylindrical head, being a tall plant, whole
fine is blackish and lofts like velvet; or that which bears several Spherical burrs.
$\left\{\begin{array}{l}\text { 15. }\left\{\begin{array}{l}\text { REED MACE. } \\ \text { BURR REED. }\end{array} \text {. }\right.\end{array}\right.$
(Lefter; having a naked folk, bearing a mall fake refermbling the tail of a douse. 16. MOUSE-TAIL.
typha.
Sparganixm:
Myofutos.

IF. GRAMI IF GRAMINFOLS HERBS of BLIBOLIS ROOTS, may be diftinguithed into foch as are NEOUS confiderable for their
HERBS of flowers; which are generally made up of fix leaves, or divided into fix lafcin:e: either FULEOUS the le rife fibres grow from the

$\int$ The Greater; whoferoot hath a Strong font like that of a Fox, the flowers hanging
$\{$ down round the top of the folk, with a tuft of green leaves above them.
i. CROWN IMPFRIAL.

Corona. In: $\mathrm{P}^{3-}$
rialis
1 item.
siowtagon.
and hollow: or that whole flowers are jmalier, having the leaves riverfed backwards.
2. $\left\{\begin{array}{l}\text { LILY. } \\ \text { MARTAGON, Iurkecap. }\end{array}\right.$
© Coated; made up of feveral coats encompaffing one another.
Bearing the flower upon a stem; to be further diftinguilhed by the Shape of the flower; whether
I Large and Hollow ; refembling a cup, I either that which doth generally bear but ( one flower upon aftalk, standing upright, having an eforlent root: or that which doth fometimes bear rasp flowers upon a talk, with checkered streaks, banging dian their beads, the root confilting of two lobes.

- TULIP.

1/3. E FRITILLARY.
(Having a cap in the middle of the flower; which comes nut of a skimps busk: or that which hath many small flowers together upon the lame fall.
Narc focus. Hyacimithes. 4. $\left\{\begin{array}{l}\text { DAFFODIL } \\ \text { HYACINTH. }\end{array}\right.$

Colour of the flower ; being generally white and marked with green, II either that with a starr-like flower, marked with a freak of green on the back of the leaf: or that which hath a hanging pendulous flower, whole leaves are tips with green.
5. STARR OF BETHLEHEM.
5. $\{$ BULBOUS VIOLET, Snowdrop.

Ornitiogalum:
Viola balbogis.
EFignre of the leaf; refembling the blade of a sword, II either that which bears a $F$ 'oig.r de luce, haring nine leaves, three of which flan up: or that whole flowes s grow in a row under one another.
Ir is bulbofa. Gladiolus fegetum.
6. $\left\{\begin{array}{l}\text { BULBOUS IRIS, Flower de luce. }\end{array}\right.$
6. $\{$ CORNFLAGG.

Having naked flowers, without any stem; whether that of a larger flower and broader leaf: or that of a leffer flower and narrower leaf.
7. SMEDOW SAFFRON, Naked Lady.
7. $\left\{\begin{array}{l}\text { MFDOW SAFFRON } \\ \text { CROCUS, Saffron. }\end{array}\right.$

Top of the Bulb; whole root doth ufually confift of two bulbs, the flowers growing in a kind of lipike, of great variety of colours and fhapes.
8. OR CHIS, Satyrion.
strong feint ; whetherfuch whole leaves are more.
I Long; theirfent being
Le's strong ; the
Greatic' ; whore roots grow ingle, II either that with hollow tubulous leaves, the it ak fuelling out in the middle: or that of a broader leaf, rifing higher in the folk and continuing green all winter.

## SONYON.

Cpa.
0. $\{$ LEK.

CLeffir ; whole roots grote commonly in clutters, 11 either that which bears no feed: or that which doth bear feed, having very fall tubulous leaves.
Afcalonitis.
Porrum ject.le.
Allium $\int$ asti-
:um.
MO :'y.
Allium Orff e $^{-}$
нинis.
Vittorialis bon-
ga.
sty...
10. $\left\{\begin{array}{l}\text { SHALE } \\ \text { CITES. }\end{array}\right.$

More Strong ; either that whole ross is divided into Closes : or that of an entire rove, and in come efteem for the flower.
\{GARLICK.
II. $\{$ MOLY.

Broad; having the root either
Oblong and foal; either that which is lower with an Umbell of large flowers: of that
$\left\{\begin{array}{l}\text { which is taller, han ing a roamed bead. } \\ 12 . \text { R AMMON. }\end{array}\right.$
12. $\left\{\begin{array}{l}\text { RAMSON. } \\ \text { MOUNTAIN RAMSON. }\end{array}\right.$

R Round and great; growing upon the Seavcoaltsi
13. SQuILL, Sea-oxgers.

Larger; of a tuberous root, $\|$ either that of a fading flower refembling a Lilly : or that whofe leaf is like the blade of a fwoord. 3. SDAY-LILLY.
3. \{TUBEROUS FLOWER DE LUCE.

American; of a tuberous root, $\|$ whofe flowers are either
[Le $\beta$ fowet ; either that of broad leaves, bearing a fcarlet flower like that of Corn-flagg, with a geniculate ftalk : or that which hath long thick dry leaves, fharp pointed, growing immediately from the root, bearing a ftem of large flowers, hanging down their heads.
4. SFLOWRING REED.
¿JUCCA, Indian bread.
Miore fweet; growing in a fpike, refembling the flowers of a Hyaciath.
5. INDIAN HYACINTH.

Watery places; the flowers coming forth in an Umbell, being of a purplifh colour, having fix leaves; the leazes of the Plant being long and triangtutar.
6. FLOWRENG RUSH:

Not efteemed for their flowers; being diftioguihable by their
f Having no perfoct leaves; bur fome litile fcaly fubftances refembling leaves, whether of
S Fibrous roots; matted together, refembling a birds neft.
7. BIRDS NEST.

Canni Indiga:
子ucca.
Liliafphodelelus.
Iris trberofa.

Hyacinthus.
Indicustube:-
rofus.

Funcus fori: dive.

Nidus aviis.
EScaly rooss; with little pratuberances fomewhat refembling teeth, || cither that whofe root is more Round or more Branched.
8. SBROOMRAPE.
§TOOTHWORT.
IHaving a naked fite or peftle inftead of a flower, whether the
Orobanche:
Densaria
aphyllos.
[Greater; of a Tuberous root, \|either that which hath a potted thick falk like a Snake; with a jagged leaf: or that of a Triangizlar undivided leaf:
9. $\left\{\begin{array}{l}\text { DRAGON. } \\ \text { WAKE ROBIN, cuckoo-pintle: }\end{array}\right.$

Lefler; having either Broad or Narrono leaves.
10. $\left\{\begin{array}{l}\text { BROAD LEAVED FRIARS GOWLE. } \\ \text { NARROW LEAVED FRIARS-COWLE. }\end{array}\right.$

L 2
VI. HERBS

| FI. ROUND LEAVED HERBS. | VI. HERBS OF ROUND LEAVES, may be diftinguilhed into |
| :---: | :---: |
|  |  |
|  |  |
| Tinfilage. Petajitiv. | - |
|  | $\left[\begin{array}{l}\text { Lying on the ground; the flower coming up before the leaf and foon } \\ \text { fading, \\| either that whofe leaf is rbite underneath, of a yellowb }\end{array}\right.$ |
|  | flower, growing one upon a falk: or that which hath a fpike of |
|  | purplif, flowers, being the larger plant. |
|  |  |
|  |  |
|  | Standing from the grownd; bearing Burrs, the Greater or the |
| dana ma | SGREAT BURDOCK. |
| Bardama mimor. | TL |
|  | aroing upon mountainous places; having a purplifb flower, and a |
| Cancalia. | 3. HORSEFOOT, Mouxtain-Coltsfoot. |
| saymphea. Caltha paluAris. | I Aquatic; of fmooth fining leaves, \|| either that whofe leaves are of <br> a light green and not ferrate: or of a dark green and ferrate, bearing |
|  |  |
|  | SWATER-LILLY |
|  | \{MARSH-MARIGOLD. |
|  | Leffer; whofe flowers do ftand either |
|  |  |
|  |  |
|  | Dryer places; diftinguifhable by the <br> FFlaver; having a bending bead and a Sort beel, $\\|$ either that of a bigger leaf and the Hower of a more fimple colour: or that of a leffer oblong leaf and the flower of feveral colours |
|  |  |
| Viold. <br> Herba Trimita. <br> sis. | SVIOLET. <br> 5. \{PANSY, Hearts-eafe <br> Leaf; being more thick, fomewhat refembling Ivy, \\| either that whofe leaves are of a ftrong purgative guality, the flowers small, of a dirty purple: or that which is efteemed for the flower, having a great tuberows root, the leaf for the molt part |
|  |  |
| tis. |  |
|  |  |
| Afarum. | 6. $\{$ ASARABACCA. |
| Cyclaman. | READ. |
|  | ny and boggyplaces; either that of pale yellowifb leaves, which feel undtuoufly, the flower like a Violet : or that which hath a |
|  | arge wrbite flower, the leaves being like thofe of a Viol |
|  | els. |
| Pinguichla, | $\left\{\begin{array}{l}\text { SBUTTERWORT, rork-fitire samicle. } \\ \text { GRASS OF PARNASSUS. }\end{array}\right.$ |
|  |  |
| $m_{a} f_{s i o}$ | Many together ${ }^{3}$. |
| Pyrola. Ros foits. | Terreftrial ; diftinguifhable by <br> ; The flowers; growing in a spike, being white, $\\|$ either that which is bigger, having green leaves like thofe of a Pear-tree: or that which is lefs, with red bairs upon the leaves retaining the Dew, growing in moift places. |
|  |  |
|  |  |
|  |  |
| Pyrala. | 8. SWINTERGREEN. |
| Ros foits. |  |

## Chap. IV. Herbs according to their Leazes.

```
The leaves;
    Indented; and divided into Ceveral Angles, || either that which
                hath fmooth Jhining leaves and feeds like fmall burrs: or that
        whofe leaves are fomexwat bairy, being of an elegant fru-
        Cúre, bearing yellowilh greenflowers.
            9. {SANICLE.
                        Sanicmla.
                            Alchyminis:
Scolloped about the edges; |either that which is taller,of a mobite
        flower, the root confifting of many fmall reddifh kernels: or
        that which is lowner, of a jellow floper and fibrous root, grow-
        ing in moilt places.
        1c.SWHITE SAXIFRAGE.
        .{GOLDEN SAXIFRAGE.
The mamner of growing; whether
                            Saxifraga
                                albas
Saxifragk
akreas
[Creeping on the grownd; either that with a bairy leaf, of an ill
        fent, bearing a blew booded flower: or that of a fmall leaf,
        bearing a yellow flower.
                SOROUND IVY, Alcboof, Turmboof.
                            Hedera terre-
        II.{MONYWORT, Herb tmopence.
        climbing; of a bot biting taft, and an elegant flower with a long 2vmmmlaria':
        heel.
        12, INDIAN CRESS.
                                Trafoxrtinmi,
Marine; growing in falt places near the Sea, || either that of a falt Indicum.
    juicy leaf, bearing a fpike of fmall white flowers: or that which
        hath a large bell flower, the plant ruaning upon the ground,being
    Purgative.
    3.SSCURVY-GRASS.
Cociblyria.
3.{SEA-BINDWEED
soldamold;
```


## VII. HERBS

## 78 Herbs according to tbeir Leaves. Part. II.

vir. herbs VII. HERBS OF NERVOUS LEAVES, may be diftributed into OF NER- fuch as are
vous
LEAVES.

Helleborms al-
bus.
Helleborise.

Plantago.
Coronopus.

Holofroxim: Pfyliam.

Monophylion. Bifolizm.

Gentiana.
Gemtiamella.

Sigilinm Salomosis. quaticur.

Terrefirial; growing in dryer places, which are dittinguifhable according to the
[Fafhios of their leaves; whether
More broad; to be further confidered according to their
Manner of growth; having
[ Leavy ftalks; viz. the leaves embracing the ftalk, || either that which hath pleited leaves, whofe root is a vehement purgative: or that other, having a fpike of flowers like thofe of Orchis.

SWHITE HELLEBORE, Neezwort.

¿HELLEBORINE, Baftard pobite Hellebore.
Naked falks; and flowers in a pike, $\|$ either that whofe leaves are undivided: or that whofe leaves are fo divided into jiggs, as to reprefent a Staggs horn.
2. $\left\{\begin{array}{l}\text { SLANTAIN. } \\ \text { IICKSHORN }\end{array}\right.$

Colour of the leaves; whether that whofe leaves are of a dark green above and afo-celoured uederneath, bearing a spike of flowers: or that whofe leaves are of a peler green, bearing the flow. ers in a kind of $V_{m b e l}$.
3. $\left\{\begin{array}{l}\text { SNAKRWEED, Biftort. }\end{array}\right.$

More narrus ; either that whofe fpike is round and more long: or that whofe fpike is more flort, conteining feeds refembling fleas.
4. $\left\{\begin{array}{l}\text { SEA-PLANTAIN. } \\ \text { FLEAWORT. }\end{array}\right.$

Number of their leaves; either that which hath only one leaf: or that which hath only two leaves.
5. SONE-BLADE.
5. $\{$ TWAY-BLADE.

Flower; of one leaf, whether
(Greater; in the fafbion of a Bell, the plant having a bitter taft, $\|$ ei-
ther the Taller and larger: or the Lower and finaller.
6. SGENTIAN, Fellwort.
6. \{DWARF.GENTIAN.

Lefer; having fmall one leaved flowers, hanging down their heads and bearing berries; $\|$ either the Higher or the Lower.
7. SSOLOMONS-SEAL.
7. $\{$ LILLY OF THE VALLEY.

Aquatic; growing in the water, bearing fpikes of flowers from the joynts of the ftalk; $\|$ either that of Smootb edged leaves: or that whofe leaves are cither curled or woaved about the edges.
8. $\left\{\begin{array}{l}\text { SONDWEED. } \\ \text { WATER-CALTROPE }\end{array}\right.$

## Chap. IV. Herbs according to their Leaves. 79

VIII. SUCCULENT HERBS may be diftributed into fucil as are vir. sucBiggeft, either that whofeleaf is more broadand not indented: or that CULENT whofe leaf is long, fharp and inciented. SHOUSELEEK, Sengrecí.
\{AlOE,
Sedxm majus,
Aloo.
Leffer;
'Terreftrial; confiderable for having
Eroad and commonly crenatce leaves, a round sfalk, the flowers growing in the fafhion of an Umbell, "\| either that whofe leaves are more blunt fointed: or that whofe leaves are more fisarp pointcd, the root having a fent like that of Rofes.
$\left\{\begin{array}{l}\text { ORPINE, } \\ \text { R }\end{array}\right.$
2. $\left\{\begin{array}{l}\text { ROSEWORT. }\end{array}\right.$

Rbodia radix.
Round pointed leaves sot indented, $\|$ either that which is greater, having reddifh ftalks, bearing yellowifh flowers, being efculent : or that which is ltfs, bearing fmall white flowers of five leaves.

## 3. $\left\{\begin{array}{l}\text { PUIRSLAIN. } \\ \text { GARDFN BR OOKLIME }\end{array}\right.$

## Portrilaca.

Cepara.
White flomers, fpeckled with red, the leaves ferrate, \|either that which hath a more round leaf, and larger flower: or that whofe leaf is more oblong and flowber le $\beta$.

[^7]1童. HERBS
Ix. Herbs IX, HERBS confidered according to the SUPERFICIES of their congidered Leaves, or their MANNER OF GROWING, may be diftinguifhed inaccording to their sü. PERPICIES, or MANNER OF GROWING. Berago. Buglofwm.

Such buja. Echimm.

Roughleaved; whether (to fuch as are Morerough; having
(Blem jiampers; cither || that whofe leaves are br oader, having black ftreaked feed: or that whofe leaves are longer, the Segments of the SBURRAGE. (flower being not fo Tharp pointed as the other. ¿BUGLOSS.
Lomg narrons leaves; ©either \| that which hath a red root commonly ufed in Dying : or that which bears larger flowpers, which before
2. SALKANET. (they are explicated, do turn like a Scorpions tail.
2. \{VIPERS BUGLOSS.

Lefsrough; diftinguifhable by their having
spotted leaves; bearing one entire flowet of different colours,viz. White and Purple on the fame root: or that whofe flower is a round tube, banging downwards, the leaves embracing the ftalk.
pulmomaria. Cerin the.

Symphymu. Cynax:iofmm.

Lithopermesm. Hellostropium.

A/paragem. Gallium.

Equifitum Millefolium cornutum aquaticnm.

Rubia tinao: rum.
Cruciata.

Mcllugo. sparinc.
3. SSAGE OF JERLISALEM, Ladies-glove
3. KHONYWORT.

Broad leaves, tharp pointed, being large plants; either || that whofe flower is long, hollow, and of one ieaf, divided into five fegments: or that which is of an offenfive fent, the flower of a dirty red, the flower
4. SCOMFREY. (fucceeded by 4 feeds in the fhape of little burrs. 4. ZDOGS-TONGUE, Honnds.tongne.

Small leaves; either \| that whofe feed is of an afh colowr,bard and ftining, like a polifhed ftone : or that the $\int$ pike of whole flowers is GGRUMMELL. (crooked and fuppofed to turn towards the Sum. 5 . §HELIOTROPE.
Steldate; fo ftiled from the manner of the growth of their leaves, which encompafs the ftalk at intervals, like the rays of a Starr; diftin-

Ered ; having flender long leaves; of .
(Solidffalksjeither \| thè taller bearing red berries, the fhoots of u ch are ufed for food: or the lower of an ill fent, bearing yellow flow6. SASPAR AGUS. (ers,ufed in fome places to coagulate Milk. c. $\{$ LADIES-BEDSTRAW, Cherferunning.

Hollow falks;jointed without any leavy flowers,either ||that whore leaves are like briftles : or that whofe leaves are branched like SHORSE-TAIL.
$\{$ HORNED WATER-MILFOIL.
Ramping; of
(Broader leaves;either \|t hat which hath a red root ufed for Dying: or that whofe leaf is more bairy, having four leaves oppofite to one
8. SMADDER. (another at a joint, bearing yellow flowers. ¿CROSSWORT.
Narrobper leazes;either ||that which is like Madder:or that common weed, whofe falks and little burrs are apt to ftick to a manis clotbes.
9. $\{$ BASTARD MADDER.
arger flowers; growing on the top of the branches; either $\|$ that of broader leaves, growing commonly in woods, having a tuft of white four-leaved flowers of a fweet lent : or that of narrower lenves, the 10. $\left\{\begin{array}{l}\text { WOODROF. } \\ \text { SPURR Y }\end{array}\right.$
( flower confifing of five leaves.
Of

> Chap. IV. Herbs according to their Flowers. 81

## Of Herbs confidered according to their Flowers.

HErbs confidered according to their flower, having no feed-veffel be- \&. I V. fides the Cup which covers the flower, may be diftinguifhed into STAMINEOUS; whofe flower doth confift of threddy Filaments or Stamina, having no leaves befides the Pcrianthium: or thofe herbaceous leaves encompaffing thefe ftamina, which do not wither or fall away before the feed is ripe. I.
Foliaceows; which befides the Stamina have leaves, being cither of
[Compound flowers ; confifting of many leaves: or a circle of Leaves, and a Thrumm of chort ftamina, clofe fet together; whether SNOT PAPPOUS. 11 . ¿PAPPOUS, whofe feeds do eitherly in down: or have fome downy parts. III.
Lsimple flowers; which befides a circle or border of leaves, have only fome fewer longer ftamina more fparfedly fet together, like threds or ftrings, to be diftinguifhed by the manner of the growing of the
FFlower; into
ivabelliferows; fuch as grow in the falhion of an Umbel on feve-

- ral little ftalks, proceeding from the top of a bigger Aalk, which all together reprefent the figure of an inverted Cone, the flowers being the Bafis, which have generally two feeds growing together, and a compound leaf; whether of
SBROADER LEAVES; under which are comprehended all fuch whofe leaves are about the fame bredth,or broader then Parly. IV.
(FINER LEAVES; under which are comprehended all fuch, whofe leaves are divided into narrower fegments then thofe of Parlley. V.
Verticillate; by which thofe kinds of Plants are meant, whofe flowers grow in rundles or whirles about the ftalk, being of the fhape of a Hood or Helmet; as likewife thole whofe flowers are of the like Ihape, namely Galeated, having the like open feed-veffel, but their leaves growing by pairs, whether SFRUTICOSE; having ftalks of a hard woody confiftence. VI. ¿NOT FRUTICOSE. VII. SPICATE VIII.
SEED; growing MANY TOGETHER IN A Clufter or BUTION. IX.

1. HERBS
I. HERBS OF STAMINEOUS FLOWERS, and not of graffy OF STAMI- leaves, may be diftributed into fuch whofe feeds are
NEOUSERS. Triangular ; the plants to which they belong being either

## Perennial;

Bigger; having a great. leaf not jagged about the edges; || either that whofe leaf is more large, and the root ufed for purging: or that whofe leaf is more oblong.
. $\{$ RUBARB.
\{DOCK.
TMm.
Lapathwm.

Acetofa. Acetofa Romama.

Iragopyrxm. Convolvalum miger.

Polygorsm. that whofe leaf is oblong : or roundifh.
2. $\left\{\begin{array}{l}\text { ORRREL. } \\ \text { FRENCH SORREL }\end{array}\right.$

Annual; having leaves.
(Triangular ; and black feed; $\|$ either that which is Eredt, whofe feed is Efculent : or that which is Climbing.
3. SBUCK-WHEAT, Brank.
3. \{BLACK BINDWEED.

Not Angular; being fhort and flender, upon week procumbent falks, full of joynts.
4. KNOT-GRASS.

Round;
Difinguifhable by Sex; of male and fermale; becaufe from the fame feed fome plants are produced, which bear flowers and no feeds, and others which bear feeds and no flowers.
[The bigger; having a divided leaf; $\|$ either that which hath a large bollow ftalk, and a compound or fingered leaf,of the rime of which Linnen is made : or that which is a climbing Plant twifting about fuch things as are next to it, from the right hand towards the left, contrary to the manner of other twining Plants, of a rough roundif leaf, divided into many fegments, with a bead of fcaly tufts growing in a clufter or bunch, commonly ufed to preferve drink from fowring.
5. $\begin{aligned} & \text { HEMP, Tom, Canvas. } \\ & \text { HOPP. }\end{aligned}$

- The Lefer; whofeleavesare
(Shorter; either that which hath finooth leaves and is annual: or that which hath hoary leaves being perennial.

6. $\left\{\begin{array}{l}\text { MER CURY. } \\ \text { CHILDING }\end{array}\right.$
§CHILDING MERCIIRY.
Longer; of ferrate edges, the root being perennial.
7. DOGS MERCURY.

Not diftinguißable by Sex; but either by their

Having

# Chap. IV. Herbs according to tbeir Flopers. 83 

!Having a feed veffl made up of two leaves clofing together: or having the leaf finuate about the edges.
9. $\left\{\begin{array}{l}\text { ORRAGE- } \\ \text { GOOS-FOOT. }\end{array}\right.$
Atriplex. Pes Anferiniva.

Broad; with fnooth edges of a dull ingipid taft, with a large long. root, the feed-vefjel being round, rugged and baid, conteining two or three feeds.

> Io. BEET.
sora.
Narrow and long, having a fpicate head; $\|$ either that ufed by $\mathrm{D} \dot{\mathrm{y}}$ ers, having undivided leaves, and longer fpikes: or that which hath divided leaves, and Jiorter Jpikes.

## 1. $\left\{\begin{array}{l}\text { SDYERS-WEED. } \\ \text { BASE ROCKET. }\end{array}\right.$ <br> Inteolas: <br> Refoda:

Winged leaves; with a fiffe falk, growing to a good itature, and bearing Triangular Cods.
12. MEADOW-RLIE.
zhaliaru:in:
Sent or friell.
FPleafant ; either that whofe leaves refemble thofe of an Oak, with red veins: or that whofe leaves refemble thofe of Wormpood, bearing the flowers in a long fpike; and having a rough feed$\{$ veffet.
13.\{OAK OF HIER USALEM.

Borys.
Unpleafant; having a ferrate leaf with finging prickles. 14. NETTLE.

Seed-vefel; bearing cbaffy tufts, \|either that which hath a roundifb leaf: or that whofe leat is more oblong and pointed: SBLITE.
4. \{PRINCES FEATHER, A Amaranthis.
stisum.
Amaranibus.
place of Growith; being ufally upon walls, having red falks, and a rough feed.
16. PELLITORY OF THE WALL.

Littleneß; being the leaft of this kind; Veither that which hath woak falks, leaning on the ground, with leaves like thofe of Time but fmaller, bearing the feeds in clufters about the joynts: or that which is of a moody falk, bearing the flowers and feeds at the top of the branches. SRUPTUREWORT.
17. SSTINKING GROUND.PINE.

Herniaria: Camphoratá:
iI. Herbs: II. HERBS having a COMPOUND FLOWER NOT PAPPOUS, OF A COM- may be diftinguifhed into fuch whole flowers are compounded either POUND of Not
Nous. leaves: or without fuch a circle, commonly called Corimbiferous, being either of
Undivided leaves; having a
\{Radiate former; whore limb is
Yellow cither the
(Greater; and talleft,\|either that which is the biggef of flowers : or that which hath a tuberous efonlent root. SSUN-FLOWER.
Fleas solis. Flos/alis Pyremidalis.

Calchas.

Belles major.
Belles minor.

Coficus hortaram.
ma. Graphalizint.

Chryfantheinum jegetum. Buphtlalmwm verum.

Elis Africarsies.
4. $\{$ ¿HIERUSALEM-HARTICHOKE.
Defer; having a crooked feed.
2. MARIGOLD.

White; either the greater and taller, having a ramos leave folk: or the leffer and lower, having a naked stalk.
3. G GREAT DAISY.
3. \{DAISY.

Naked Flower; confiderable for having
[ $A$ flong pleafant smell; either that which is the bigger plant, of a broad leaf: or that which is the lefter plant, of more narrow leaves more deeply indented, whole flowers grow in an Umbell.

## Ageratum.

SALECOST, Coftmary. \{MAUDLIN TANSY.
Long hoary leaves; either that which is Odorate, having a yellowoif 'flower, of a dry frame conffence, preferving the colour for fevenal yearsafter its being gathered: or that which bears a mobite flower, the more common fort of which is not Odorate.
Stachas cirri5. SGOLDEN STECHAS.
5. \{CUDWEED, Cottonweed.

## Divided leaves.; having a

Radiate flower; whole limb is
Yellow; confiderable for the leaves, being,
More finely divided; either that which grows ufually amongst Corn: or that which doth commonly grow in mountainous places, having leaves like thole of Fennel.
$\{$ 6. SCORN MARIGOLD.
6 SOX-EY.
Winged leaves; like thole of Tang.
7. AFRICAN MARIGOLD.
© White; whole leaves are
[More finely divided; either that of a plenfant : or that of an unpleasant font.
Chamame:-
lam.
Ceria fatida.
8. $\left\{\begin{array}{l}\text { CAMOMIL } \\ \text { STINKING MAYWEED. }\end{array}\right.$

Lc\& finely divided; being of a strong sent. 9. FEAVERFEW.


iII. PAP-

III. PAP. POUS HERBS.

Cardusu. сімата.

суакен. Ptarmica AnAriaca.

Serratela. Cestanrikm тајјш.

Facea.
stabe.

Carthamm:
Chondrilla crupise.
III. PAPPOUS HERBS, may be diftributed into fuch whofe heads are either
Round and squamous, confiderable upon Account of their
Leaves; whether
Prickly; either that of a leffer: or that of a bigger bead ufed for food.
STHISTLE.
\{HARTICHOKE.
Hoary; either that whore flower is commonly blens, of tubulow jagged leaves: or that which bears a parple flower of flat leaves. SBLEWBOTTLE.
2. $\{$ AUSTRIAN SNEEZEWORT.

Serrate; commonly winged, \|the Leffer : or the Greater ufed in Phylick.
3. SSAW-WORT.
3. 亿GREAT CENTORY.

Stalks; being dry and bard, bearing ufually a parple flower; || either that of a more dark: or that of a lighter colour.
4. SKNAPWEED.

Seeds; being more large; either that of White: or that of Black. jeeds
5. $\left\{\begin{array}{l}\text { BASTARD SAFFRON. } \\ \text { BEARDED CREEPER. }\end{array}\right.$
plain or flat ; whofe flower is either
\{Radiate, or naked.
\{Terreftrial; confiderable upon account of their
Roots; being more large, bearing yellow flowers; Heither that of a lefer leaf, the root of which is counted pojfonams to beafts: or that of a larger and longer leaf, the root of whichisodorate and bitter, and counted mobolfome to wew.
6. $\{$ LEOPARDS-BANE.
¿ELECAMPANE.
Leaves; being thick, fatty and jagged, bearing yellow flowers; $\|$ either that which bears a thrummy fower: or that which bears a radiate flower.
7. $\left\{\begin{array}{l}\text { GROUNDSIL. } \\ \text { RAGWORT. }\end{array}\right.$

Flowers; as to their
Manner of grooth; in a kind of Vmbel, or Trft; \|either that whofe flowers are naked and purplifh: or that whofe flowers are radiate and yellors.
8. $\left\{\begin{array}{l}\text { DUTCH AGRIMONY. } \\ \text { GOLDEN ROD. }\end{array}\right.$

Co.'our ; either that which bears flowers of different colonrs, the leaves whereof fomewhat refemble the rays of a Starr: or that whofe flowers are generally yellom, the leaves of the plant being odorate.
9. SSTARWORT.

## Chap. IV. Herbs according to tbeir Flowers. 87

[Marine; having long thick leaves; $\|$ either that the border of whofe flower is Purple and the middle of it rellow: or that of a rellowo flower and bard falks, the leaves being narrow and cut in at the ends.
Ic. $\left\{\begin{array}{l}\text { SEA-STARWORT: } \\ \text { GOLDEN FLOWER'D SAMPHIRE. }\end{array}\right.$
Double; the plants having a milky juice, diltinguifhable by their mwis.
iHeads; being fonaller; either that of a more rugged leaf ufed for Sallads: or that of a fonootber leaf, faid to fweat out a gumm at the joints.
11. $\begin{aligned} & \text { LETTICE. } \\ & \text { GUMM SUCCORY. }\end{aligned}$

工aducs. Cbomdrilla.
LLeaves; whether
Fagged; either that of a folid falk: or that of a bollow fimooth ftalk, the feed of which being ripe, doth with the down upon it, fpread it felf into a Sphærical figure.

Eicrucism.
Dors Enmen
Undivided; $\|$ either that whore leaves are long and graffy, the flower of which being olofed, doth reprefent a goats beard, whofe root is efculent : or that whofe leaves are round pointed, and bairy.

13. $\{$ GOATS-BEARD.<br>\{MOUSE-EAR.

Refembling thiftles; but not prickly; either that which bears larger: or that which bears leffer flowers.
SSOWTHISTLE.
14. SNIPPLEWORT.
IV. UM
iv. umbel. IV. UMBELLIFEROUS HERBS whofe LEAVES are MORE IFEROUS BROAD and lefs finely cut, may be diftinguifhed into fuch as are, Herbs of broader leates.
odorate; and of a frrong fent; whether fuch as is
[More pleafant; in fuch kind of plants as are
More properly belonging to this tribe; to be diftinguifhed upon Account of
f Leaves; as to their
; shapes; whetherfuch are are
Of Different Smapes in the fame plant, the lower leaves towards the bottom of the ftalk being rounder and broader, and thofe upon the falk more fively cut having. Aromatic feeds; $|\mid$ either that of a maller feed: or that of a more large jeed, being round and hollow, the leaves of the plant being of lefs pleafant fent then the feed

1. $\left\{\begin{array}{l}\text { ANNIS. } \\ \text { CORIANDER, }\end{array}\right.$

Winged leaves; refembling thofe of
Parfoip; having the like fmell and taft.
sifon.

Myrrbiu. Cicatarian en?: gariv.
(Fearn; either that which hath a large black furnowed feed: or that whofe feed is lef, and mars fender, refembling an Oat.
3. $\{$ SWEET CICELY.
§WILD CICELY.
Not winged; refembling Parfey, but being much broader; cither that which hath a large blark frecaked jeed: or that which is a taller plant, having lefs leaves and a fironger Sent.
4. ALEXANDERS

- LOVAGE.

Colour; whether
jPale green; having large and broad leaves; \|either that which hath a yellow juice, the 2 mb el of whofe flowers is fomewhat $\beta$ pherical, which dies after bearing feed: or that which is of very near affinity to this in lhape and fent, but not fo large, and more perennial.
5. $\left\{\begin{array}{l}\text { ANGELICA. } \\ M A S T E R W O R T .\end{array}\right.$

Dark green; being indented; either that whofe feed is broad: or angular.
6. SLASERWORT.

- ZHERB FRANKINCENSE OF THEOPHRASTUS.

Hairy tuft, encompalfing the bottom of the ftalk. SERMOUNTAIN.
Lesproperly belonging to this tribe; having apinged leaves; || cither that whofe flowers are tubulows: or that which bears a great tuft of wobite flowpers of a fureet fent.
2. $\{$ VALERTAN.

Chap. IV. Herbs according to their Flowers.

## : Leß pleafant;

LLefer ; \|either that of a woeaker fent, but efculent and of a grateful taft : or that of a ftronger fent, growing naturally in moift places.
9. SPARSLEY.
9. SMALLAGE.

Larger; of a rough falk, and minged leaves. 10. HERCULES ALL-HEAL.

Not odorate; diftinguifhable by their
Petrofelisemm. Apium palswfire.

Pamas Mercwlewen.
Roots; being efculent ; $\|$ either that of a bigger root growing fingle : or that of a le $\beta$ root growing in clufters.

SPARSNIP.
II. $\left\{\begin{array}{l}\text { PKIRRET. }\end{array}\right.$

Paftimaca for
tivas latifd.
sifarsm.
Leaves; whether
[ Whole, and fomewhat nervous; || either that whofe leaves are more round, the ftalks growing through them : or that whofe leaves are

mure long.<br>12. \(\left\{\begin{array}{l}THOROUGH WAX.<br>HAR ESEAR.\end{array}\right.\)

Perfoliata.
Bxplearum.
\{Winged, and indented; $\|$ either that whofe root is of a bot biting taft: or that whofe leaf is divided into tbree, five, or more fegments, being long and narrow.
3. $\left\{\begin{array}{l}\text { BURNET SAXIFRAGE. } \\ \text { UMBELLIFEROUS ERINGO. }\end{array}\right.$

Pimpixela
faxifraga.
Eringition men-
Of different fapes in the fame plant; the lower leaves being divi-
ded like Parfey, the leaves upon the 5falk being undivided, and beliforum. ded like Parfley, the leaves upon the 57alk being undivided, and encompaffing it, bearing a great, black, round feed.
14. CANDY ALEXANDER.

Place of grownth; being proper to wet grownds; \|either that whofe
leaves are hairy and of a deep greek, bearing a white flower: or that whofe leaves are not bairy.
15. $\left\{\begin{array}{l}\text { COW-PARSNIP. } \\ \text { WATER-PARSNIP. }\end{array}\right.$
sphondilizm.
Simm.


## Chap. IV. Herbs according. to their Flowers.

VI. VERTIGILLATE FRUTICOSE HERBS, being all of them odorate, may be diftinguilhed into fuch whofe leaves are either
Larger; whether
SHoary and rough ; of a pleafant taft and fraell.

1. SAGE.

Smooth; and of a dark green; $\|$ either that whofe leaves are cut in
like thofe of an Oak, more long and narrow: or that whofe leaves are only indented about the edges, being more 乃bort and broad.
2. $\left\{\begin{array}{l}\text { GERMANDER. } \\ \text { TREE GERMANDER. }\end{array}\right.$

Chamadrix.
Tencrimes.
VI. VERTI

Cililate
FRUTI.
COSE
HRER8,
Salvia.

fshort and roundifh; the fent being
(More quick and pungent; either the larger, having a woolly head : or the lefer.
3. \{MASTICK. $\begin{aligned} & \text { GOATS MARJORAM. }\end{aligned}$

Marmm.
Trageriganam.
(More enild and gentle; having fmaller leaves, which grow thicker an the ftalk.

- 4. THYME.

Long and narrow; whether
[Hoary; the
(Greater; bearing fikes; \|either that of longer Spikes, being the larger plant : or that of fhorter thicker fikes.
SLAVENDER.
5. \{CASSIDONY, French Lavender, Sticka dove.

Lavoudula
Stachas.
Leffer; whofe leaves are indented, being of a more dull fent, bearing fmall flowers.

## 6. POLIMOUNTAIN

Smooth; \|either that whofe leaves are fofter and larger: or that whofe leaves are barder and lejs.
7. $\left\{\begin{array}{l}\text { HYSSOP. } \\ \text { WINTER-SAVORY. }\end{array}\right.$
VII. VER
TICILLA
NOT FR
TICRSE
HERBE.

•

Mentha.
Nupesa.

Nepesa.

Molucca.

Majoprasta.
Origanam.

Ocymum.
acinos.

Diflamms.
Marrubimm album.

Chamapgtio.

Pulsgixm.
scorlinm. Scorodonim.

Sclarea.
Horminuom.
VII. VERTICILLATE NOT FRUTICOSE HERBS, may be diftinguifhed into fuch as are
$\left\{\begin{array}{l}\text { Odorate; conliderable for their fent, whether } \\ \text { Pleafant; } \\ \text { Ihe greater kind; diftinguifhable by the } \\ \text { Flowers; growing }\end{array}\right.$
More clofe and thick together; \|either that which is apt to creep and ßread under ground by tbe roots: or that whofe leaf hath fome refemblance to the leaf of a Nettle.
SMINT. \{CAT-MINT.
More difperfedly; at the fetting on of the leaves, having chorter and broader leaves; $\|$ the former of a darker green, and ftronger Sent.
2. SEALM.
\{CALAMINT.
Sceds; growing in a large bollow Cuplike an inverted Bell, having leaves like Balm.
3. ASSYRIAN BALM.

Scaly beads; the former a more grateful fosell, and lefer leaves, SMARJORAM.
+• ¿WILL MARJORAM, Organy.
Lcaves;
(Not hoary; || either that whofe leaves are, like thofe of Marjorams, indented, the flowers growing in loofer fpikes: or that whofe leaves are like thofe of Thyme, but of a different fent.
5. $\left\{\begin{array}{l}\text { BASIL. } \\ \text { STONE-BASIL. }\end{array}\right.$

Hoary; having leaves
i Broader; \| either that which hath feveral fcaly beads, being the lefjer plant: or that which is the bigger plant, whole flomers. grow in clofe rundels, of a ftronger fent.
6. $\{$ DITTANY.

Narrower; a low plant bearing a yellow flower.
7. GROUND-PINE.

The leaft; a fmall creeping plant growing in watery places,being of a pungent fent.

## 8. PENNYROYAL.

Not pleafant; diltinguilhable by the
[ Sent; being like that of Garlick; \|either that whofe leaves are like thofe of Germander, growing in matery places: or that whofe leaves are like thofe of sage, growing in reooddy places.
9. $\left\{\begin{array}{l}\text { WATER.GERMANDER. }\end{array}\right.$

Leaf; whether
\{Rough;
${ }_{1}$ Broad leaf; the bigger or the Leffer.
10. $\left\{\begin{array}{l}\text { CLARY. } \\ \text { WILD CLARY. }\end{array}\right.$

Chap. IV. Herbs according to tbeir Flowors.

Refembling thofe of Nettle; the one narrower: the other broader and rounder pointed.
11 SDEAD NETTLE, Arcbangel.
\{BLACK HOREHOUIND.
Urtica iners. Marrubizer nigram.
Lomg; || either the taller larger plant: or the leffer plant having not fothick a down upon the leaves.
12. $\begin{cases}\text { BASE HOREHOUND. } \\ \text { IR ONWURT. } & \text { Stachi. } \\ \text { sideritis. }\end{cases}$

Smooth; with a round jagged leaf, of a dark greet, having a fiffe falk.
13. MOTHERIVORT.

Cardiaci.
Not odorate; confiderable for having
[Lowg narrow leaves; the flowers coming out more differfedly, growing in watery places; || either that whofe leaves are more narrom, and green like thofe of Hyflop: or that whofe leaves are leßnarrom, the flowers ftanding commonly two together at the joynts.

SHEDGE HYSSOP.
14. ¿HOODED LOOSE STRIFE.
spicate flowers;
The greater; $\|$ either that of oblong green notched leaves and Sort Jpikes: or that which is the fatter plant, having longer Jpikes, growing in poatery places, bearing fometimes three leaves at a joint.
15 \{BETONY.
The leffer; bearing generally bleto flowers; \|l either that whofe leaves refemble thofe of wild Marjoram : or that whofe leaves are like thole of the leffer Daify, creeping by frings.
SSELF:HEAL.
16. $\left\{\begin{array}{l}\text { SELF-HE } \\ \text { BUGLE. }\end{array}\right.$

Gratiola.
Iyfimachia
galoriculatio.

## Betmica.

Iyfimacitia
propures. whom (when it is arrived to any bignefs) it receives its nourifhment, the root in the ground dying.
17. DODDER.

IX. HERBS
IX. HERBS bearing MANY SEEDS together IN A clufter or IX. HFRBS BUTTON, may be diftinguifhed according to the

MANY SEEDS IN
[Winged leaves; $|\mid$ either that whole leaf is ninderneath hoary and of a A Burfilver colour: or that whofe leaves are broad at the end, having litthe pinnula towards the botiom of them, bearing a burr.

1. $\left\{\begin{array}{l}\text { WILD } \\ \text { AVENS }\end{array}\right.$

TON.
ìgentiza.
Cariophyllatio
\{Fingered leaves; growing from the fame point of the foot-ftalk; || either five, having a flower confifting of five leaves: or feven, the flower confifting of four leaves.
2. $\{$ CINQUEFOIL.

But one leaf apon the foot-falk of the flowber, and but orse flower; II either that whofe leaves and jtalks are generally more Smooth: or more Hairy, the head after the flower is faded, being covered with long woolly locks.
SANEMONY, Wind-flower:
3. \{PASCH FLOWER.

Flowers; whether moft commonly
Tellow; Thining as if varnifhed, bearing their feed in a rough head; $\|$ either that whofe flower doth generally confitt of five rownd pointed leaves: or that whofe flower bath eight or nine leaves blowing early.

4 \{ $\begin{aligned} & \text { CROW-FOOT. }\end{aligned}$
[Red; having leaves like thofe of Camomil.
5. ADONIS FLOWER.

Seed; in a bead of a round flat cheefe-like figure; \|either that which is
Of rounder leaves; the Le $\beta$ or the Greater.
6. SMALLOW.

Of boary foft leabes; ${ }^{1} l$ either the leß growing in Murffies: or the greater by tbe Sea.
7. $\left\{\begin{array}{l}\text { MARSH MALLOWS } \\ \text { TREE MALLOW. }\end{array}\right.$

Althace.
meluas antio-

Alcas:

HERBS of Perfect flowers confidered according to their Seed-weffels, may be diftinguifhed into fuch as have
\{ $A$ divided Seed veffel; into feveral diftinct cafes, which may be called $\{$ CORNICULATE. I.
An entire Seed-veffel; whether
[siliquous; containing their feeds in long pods, diftinguifhable according to their flowers, into
$\left\{\begin{array}{c}\text { Papillionaceows; the flower having fome refemblance to a Butter- } \\ \text { Hy as }\end{array}\right.$ Hy, as the blooms of Peafe or Beans, סrc. whether
i CLIMBERS; fuch as are generally furnifhed with Tendrils or Clafpers. II.
NOT CLIMBERS; being without fuch Tendrils. III.
Not papillionaceows; fuch whofe FLOWERS do generally CONSIST OF FOUR LEAVES. IV.
Capfulate; having horter feed-velfels, diftinguifhable into
$\int$ Pentapetaia; fuch as bear FLOWERS Of FIVE LEAVES. V.
Tripetala, and Tetrapetala; fuch as bear FLOWERS OF THREE or FOUR LEAVES. VI. .
Monopetala; fuch as bear a flower of one intire leaf, whether
Campanulate; fuch whofe flowers have fome refemblance to the $\left\{\begin{array}{l}\text { figure of a Bell VII. }\end{array}\right.$
Not campanulate; the limbs of whofe flowers are divided into feveral fegments, reprefenting fo many diftinct leaves. VIII.
BACCIFEROUS; whofe feeds are included in a juicy pulpe. IX.

1. HERBS OF CORniculate SEED.VESSELS.

Pronia.
Fraximell

Delphivium. Aquilegia.

Aconitum.
Anthera.

Aconitimin lyomale. staphis agria.

Geranium.
Scindix.
I. HERBS OF A CORNICULATE or Horned SEED-VESSEL, may be diftinguiihed into fuch as are ${ }^{-}$
More efteemed. for the flower; having
( Eigger feeds; \| either that with a compound broad leaf, bearing the lar-
geft flower of any low berb: or that with a winged leaf like Ath, ha-

1. SPIONY. (ving black Jining feeds, and a fent like Hops. ¿FRAXINELLA, Baftard Dittany.
(Leffer feeds; || either that of a divided fender leaf, the flower having a long heel: or that which hath a compound leaf, the flower bending dowonmpards, confifting of tubulous parts.
2. $\left\{\begin{array}{l}\text { LARKS. HEEL. } \\ \text { COLUMBINE. }\end{array}\right.$

Le $\beta$ efteemed for the flower; having
Hooded flowers; and roundifh jagged leaves; $\|$ either that which is counted Poifon: or that which is counted an Antidote.
3. SWOLVES BANE.
3. ¿WHOLSOM WOLVES BANE.

Not hooded flower; $\|$ either that of a tuberous root, the flower coming out of the middle of the leaf, blowing in Winter: or that with a Tri4. $\left\{\begin{array}{l}\text { WINTER WOLF-BANE. }\end{array}\right.$
(angular feed of a biting taft.
Seed-vefel; like the long bill of a bird; $\|$ either that which bears larger flowers, more fparfedly fet: or that which bears leffer flomers
5. $\left\{\begin{array}{l}\text { CRANES-BILL. (in the faftion of an Umbel. } \\ \text { VENUS COMB, shepheards needle. }\end{array}\right.$

## Chap. IV. Herbs according to their Seed-veffel.

II. PAPILIONACEOUS CLIMBING HERBS, may be diftributed II. PAPIinto fuch as do climb;either by
SToifting; having long flat cods, their leaves being fet by threes.

1. KIDNEY BEAN, French bean, Ginny bean.

Teendrils; or Clafpers, to be further diftinguifhed by their
[seed; whether
\{Round; and efculent; \|either that whofe feed is black, the leavies and flowers like thofe of the common Bean: or that whofe feed is not black, the leaves of a lighter green.


Cods; being knotted, otherwife refembling a Vetch. 4. BITTER VETCH.
orobus.
Stalk; being Angular; \|either that which bears one pair of fmooth leaves upon a foot-falk: or that whofe leaf is undivided, only towards the top, having two or three fegments, bearing a white flower. SCHICKLING. SBEAN OF THE ANTIENTS.

Eaba vetf-
rum.
pifam.
$5 \cdot\{$ WINGED WILD PEASE.

## Latherwar

Ochrus.
Leaves; by pairs encompafling the ftalk, being more broad at bottom, and Jharp pointed, bearing a yellowo flower, having black Chining feeds.
6. YELLOW WILD VETCH.
sphacsab
[Manner of bearing the efculent part under ground; ||either that which bears its feed both under ground, and above ground: or that of fmall tuberows efculent roots, bearing bright purple flowers, many together upon a foot-ftalk.
7. $\left\{\begin{array}{l}\text { SUNDERGROLIND CHICKLING. } \\ \text { PPASE EARTH-NUTS. }\end{array}\right.$
III. PAPI LIONACEous. NOT Climbing.

Faba. Les pimes.

Cicer.
III. PAPILIONACEOUS HERBS NOT CLIMBING, may be diftinguifhed into fuch as have $;$ either
[ More leaves then three;
i Efculent; whether the
Larger; of a flat feed; \| either that of a great bollow falk, broad leaves of a dark green, the cod lined with a woolly fubftance, the bloffoms being black and white : or that which hath a fingered leaf, being from one foot-Atalk divided into many fegments, bearing a fike of flowers.

Leffir; of a round feed, having fmall winged leaves indented, the cods round and turgid.
2. CHICH PEASE.

Not efculext; to be further diftinguifhed by their
Flowers; growing in thick fpikes or tufts. The
[Greater; Heither that whofe leaves grow like thofe of Vetch, fmooth, and of a fweet taft, a fhort crooked cod furrowed on the outfide, conteining a double row of feeds: or that whofe leaves are bairy.
3. $\left\{\begin{array}{l}\text { WILD LICCORICE }\end{array}\right.$

Lefer; \|either that whofe flowers grow in a tuft, the utmolt fegment of the leaf being broader then any of the other: or that whofe flowers grow in a fpike, having a leaf divided like Rue.
 Fwmario.

SLADIES FINGER.
4. \{FUMITORY.

Seed weffel 3 : whether
[Rough; having winged leaves; || either that whofe flowers grow in thicker Jpikes, of a thining red colour, with prickly leeds growing at the end of one another: or that whofe flowers grow in more flender Jpikes from the fides of the ftalk, having a long thick root.
clypeatum.
Caput galli-
SFRENCH HONNYSUCKLE.
5. \{COCKS-HEAD, sanfoin.

Smooth; whether fuch as bear
Crooked cods; and yellow flowers, many together: or crooked feeds in the fhape of a Horshooe, the feed veffel being indented on one fide.

## Securidaca.

Ferrum Equi-由ยm.

Catarance.
6. SHATHCET VETCH. $^{\text {HAD }}$
6. 亿 HORSSHOOE.
(streight; being long and Jender, of grafy leaves, and a bright red flower.
7. CRIMSON GRASS VETCH.

Stalk; being hairy, ftiff and eredt, withleaves confifting of many pairs of Wings; ||the latter of which will contradt it Jelf upen the touch, asif it had fenfe.
8. $\left\{\begin{array}{l}\text { GOATS RUE. } \\ \text { SENSITIVE PLANT. }\end{array}\right.$
Chap. IV. Herbs according to tbeir. Seed-veffel. ..... 99

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! Leaves; which are long and winged, being fmall plants; ||either
    that whofe cods grow together like the elams of a bird: or that
    with a fpinous feed-veffel.
    SBIRDS FOOT.
    \(\left\{\begin{array}{l}\text { LIRDD CALTROPS. }\end{array}\right.\)
INot more then three leaves, diftinguifhable by their
```

Ornitbopodi-
.m.
Tribuilew teritio-
foris.
${ }^{6}$ Flowers ; growing in fpikes.
Trefoil; \| either that which bears long fpikes of yellow flowers, to which fucceed round feed-veflels, conteining generally but one feed in each : or that of a florter Spike.
SMELILOT.
10. $\{$ TREFOIL HONNYSUCKLE.

Not Trefoil; having a grafjj leaf.
II. MILKWORT.
seed-veffels;

Molilosesu.
Trifolism pra-
tenfe,
Polysalas
[Long;
Crooked; \|l either that whofe leaves bave fame refemblance to thofe of Purflain, growing by threes, of more Alender cods: or that which hath long fmooth undivided laves, the feed-veffel being like a Caterpiller. streight; whether

2rlephimeni
scorpoides.
Scorpaides bupdurifolio.
$\left[\begin{array}{c}\text { More long and fender; } \| \text { either that which hath little wings or } \\ \text { ears at the bottoms of the leaves: or that which hath long }\end{array}\right.$ cars at the bottoms of the leaves: or that which hath lowg flat cods.
13. SLotus.
13. $\{$ FOEN GREEK.

Leß long and thicker; having prickly ftalks, bearing a large flower in proportion to the plant. ${ }^{\bullet}$ 14. CAMOCK, Reft-harrow.

Round; and Spiral; $\|$ either that which is fmooth : or that which is prickly.
$15 .\left\{\begin{array}{l}\text { SNAIL TREFOIL. } \\ \text { HEDGHOG TREFOIL. }\end{array}\right.$
Medica cocblo-
ata.
Madica Echio-

02
IV. SI-
iv. sili. IV. SILIQUOUS HERBS NOT PAPILIONACEOUS, whofe QUous flowers confift generally of four leaves, may be diftinguifhed by their LIONACE. OUS HERBS.

Being cfteemed for the flower, having
[sbrubby fta ks; and being of a pleafant fent, of a rownd flat feed; || either that of boary leaves: or that whofe leaves are fwooth, of a deep green.
Lencoism
Keiri. 1. $\{$ STOCK GILLY-FLOWER. I. \{WALL FLOWER.

Oblong feeds; || either that which hath a more broad jagged leaf: or that which hath a Jharp indented leaf,compounded of feveral together upon one foot-ftalk.

Heperis.

## Dowsaria.

Iypmachia
faliquofa appacyman rianm Syriacmm.

Rapwm. 2Tapows.
2. SDAMES VIOLET, Double Rocket.
2. $\{$ TOOTHWORT.

Seeds worapt up in down; $\|$ either that whofe flower grows out frow the top of the cod, which makes it to be called filius ante patrem: or that which hath a broad nervows leaf. with a milkie juice, bearing the flowers in a tuft, having a large cod filled with a filkie fubfance.
SCODDED WLLLOW HERB, Codded loofe frife.
3. \{UPRIGHT DOGS-BANE, silk.graß.

Being ufed as Efculent; either their
iRoots; whether fuch as are commonly eaten
[Boyled; $\|$ either that whofe leaves are more rough, the root commonly roundifb: or that whofe leaves are more frooth, the root obleng, and of a more from fubfance. 4. \{ TURNIP.

Raw ; of a biting taff, bearing purpliff flowers, and lowg knotted cods. 5. RADISH.

Leaves; having
isucculent leaves; of a blewihh grey; \|either that of a jagged leaf, yellow flower: or that of an undivided leaf, bearing a mbite flower.
i. SCABBIDGE, Colemort; Colly-flower.

- ¿CODDED THOROUGH WAX.

Fagged fmooth leazes; \| either that which bears larger flowers growing morė parfedly : or that which bears leßflowers growing more clofe together.
7. SROCKET.

7: ZWINTER-CRESS.
The fmell and taft of Garlick: or a hot biting taft, bearing large cods, which being ripe are of a red colour.
2. $\left\{\begin{array}{l}\text { SALICE ALOBNE, Jack by the Hedge. }\end{array}\right.$ - ¿GINNY PEPPER.

Seeds; \|either that of /hort fquare cods : or that of long round cods.
Simapio Rapiftram.
9. $\left\{\begin{array}{l}\text { MUSTARD. } \\ \text { CHARLOCK. }\end{array}\right.$

# Chap. IV. Herbs according to tbeir Seed-veffel. 101 

Leaf; whether
Divided; or jagged.
[Leffinely; being of a whitijs blew, and bearing commonly a yellow flower ; \|either that which is a maritim plant, having a larger flower, and longer cods: or that which hath a yellow juice.
< SHORNED POPPY.
IC. GGREAT CELENDINE.
!More fively; having fender cods.
11. FLIXWEED.

Wndivided; whofe leaves are
[Smooth towards the topor the ftalk, and rough towards the bottom, bearing sobite flowers; || either the greater, having many flender long cods growing thick together on the top of the branches: or the lef, bearing the cods more difperfedly. 1. $\left\{\begin{array}{l}\text { TOWER MUSTARD. } \\ \text { CODDED MOUSE-EAR. }\end{array}\right.$

Paparar cor-:
sickletam.
Cbetrdoniatio.
majus.
suopbia Chio ravgorums

Tarritio.
Pilofalle fili-
quja. .

Canselicise
ningerymic:
Draba hatere.

Apecyinam.
4Jclepias.

Growing in woatery places; having winged leaves; || either that which is efculent of a biting taft, a hert thick cod: or that which is in fome efteem for the flower,bearing more lowg and feender cods; and whitifh flowers.
15. $\left\{\begin{array}{l}\text { WATER CRESS. } \\ \text { CUCKOE FLOWER, Lady-Smock. }\end{array}\right.$

2uspartixm aquaticum. cardauive.
v. CAPSU-


## Chap. IV. Herbs according to their Seed-vefel. <br> 103

VI. CAPSULATE HERBS, whofe flowers confift of three or four leaves, may be diftinguifhed into fuch as are; either of
Three leaves; in the flower, being water plants; $\|$ either that which hath
V. . AP SULATE long leaves like Aloes, with harpferrate edges: or that whofe leaf doth in the figure of it refemble a barbed Arrow.

1. $\left\{\begin{array}{l}\text { FRESH WATER SOULDIER. } \\ \text { ARROW-HEAD. }\end{array}\right.$

Four leaves; in the flower, to be further diftinguilhed by the
[seed-veffel; whether
Compreffed;
LLarger; and more broad; $\|$ either that whofe leaf is like the leafof
a Nettle, the feed-veffel fhining like Sattin: or that of hoary ftalks
2. SBULBONACH, Honefty, Sattin. (and leaves, being the leffer.

〔2. \{MADWORT OF DIOSCORIDES.
Lef/er; the former of a biting taft.
STHLASPI.
3. \{SHEPHEARDS PURSE.

Round; of
[Larger heads; and flowers being narcotic ; || either that of a bitter white juice of which opium is made, with a ftar-like covering on ; the top of the feed-veffel: or that whofe leaf is more finely 4. $\left\{\begin{array}{l}\text { POPPY. } \\ \text { (jagged; having a rough feed-veffel. Papajer. }\end{array}\right.$

Leffer beads;and flowers,being of a hot biting taft;|| either that wch bears a white flower \& reddifh feed: or that which bears long narrow leaves upon the ftalk, and others that are broader, and jagged
5. $\left\{\begin{array}{l}\text { GARDEN CRESS. } \\ \text { SCIATICA CRESS }\end{array}\right.$ (towards the bottom of the ftalk.

## Nafiurtium. rberts

Leaf; as to the
[Biting taft; $\|$ either that which is a large plant of a juicy ferrate leaf, of a light blewifh green : or that which is a low fmall plant, of jagged leaves, and̈ rough feed-veffel, growing many together, each con6. $\left\{\begin{array}{l}\text { SEPPER-WORT. } \\ \text { SWINES CRESS. }\end{array}\right.$
sbape; being like thofe of Ivy, the ftalks being divided into three, and fo fubdivided, one fide of the lower part of the leaf ftanding 7. BARRENWORT.
(out morethen the other.

## Flower; in refpect of the

(Colour; being yellow, large plants; \|l either that whofe leaves are of a
blemifl. green, long and fmooth, ufed in dying: or that whofe leaves
8. $\left\{\begin{array}{l}\text { WOAD. } \\ \text { GOLD } \\ \text { OF PLEACURE }\end{array}\right.$ (are more narrow and indented.
(Manner of growth; in fpikes.
(Upon the top of the falks; bearing fmall blew flowers; \|l either that of leffer leaves indented : or that of a naked falk, growing by
SVER VAIN SVERVAIN. (the fea fide. \{SEA-LAVENDER.
(the fea fide. Vorimur.

Iepidinits: : Coronopus Renellit.

Aly fon Diofo.
ridis.
Thlappi.
Burla paftorio.

## Argemone.

From the fides of the falks; whether the
Sarger; having a flat feed-veffel.
10. BROOKLIME.

Anagalis aquatica.
LLeffir; being fmall plants, having compreffed feed-veffels like thofe of shepheards-purfs: the latter bearing the bigger Veronica. 1. $\left\{\begin{array}{l}\text { SPEEDWELL. } \\ \text { WILD GERMANDER. }\end{array}\right.$
(flower of a bright blew. chamadru VII. CAM- purin.

| VII. CAMpanulate | $\left\{\begin{array}{l} \text { Climbing; } \\ \text { Pomiferows ; bearing } \end{array}\right.$ |
| :---: | :---: |
|  |  |
|  | efculent fruit; ;i her fuch as have |
|  | $\left[\begin{array}{c}\text { Softer skins or coats } ; \text { \|leither that which is the largeft,of a waterifh } \\ \text { taft, having a large feed with a welt about the edges : or that }\end{array}\right.$ |
| Ptpo. | more rich pleafant taft, with a plain feed not mark- (ed in the limb of it. 2uafb. |
|  |  |
| Cucwrbita. Citrulus. | Shelly coats sgrowing to fuch a hardnefs as renders them fit to make bottles, $\sigma$ c. $\\|$ either that which bears commonly a white fower: |
|  |  |
|  |  |
| sumi. | Efrulent; of a whitith pu |
| Calocyuthis. <br> Crecumia afo <br> Mencos. | argative; \\|either that of a figure like a Pear, of a bitter juice: or that like a Cosccumber, but fmaller and rough, the feeds |
|  |  |
|  |  |
|  | ; having a leaf like that |
|  | lefs, the fruit oblong but very fman MALE BALSOM. |
| $\begin{aligned} & \text { Comvounulus. } \\ & \text { Scrammonic } \\ & \text { syicec. } \end{aligned}$ | apfulate; having a hort round feed-veffel, and angular feeds, climbing by twining about other plants; \\|either that which is not purgative : or that which hath a milky juice in the root.A violent pur- |
|  | gative : or that which hath a milky guice in the root.A violent pur- 6. SBINDWEED. |
|  | CAMMONY. |
|  | - Ereal ; confiderable for the flower, being either <br> Greater; \\|either that whofe flower is bigger at the bottom: or that European; (which is lefs at the bottom. |
| Fole Mearia <br> Trachelium. |  |
|  | 7. §THROATWORT. |
|  |  |
|  | Exotic; \\| either that which hath flowers of feveral colours, leaves like thofe of Night/bade, growing by pairs, the branches alternatim:or that whofe leaves are jagged, having a large thorny feed- |
| Mrabile |  |
|  | 厄. $\sum$ THORN APPLE. |

Leffer, \|either that which hath
A $n$ Efculent root; a long leaf, a blew flower, the edge divided into five points : or that whofe root is not efculent.
Rapunculus. Campanala. 9. RAMPION. ZBELL-FLOWER.

Digitatis. Srfamem.

Nijcotidsua. Hyofciamms. A bollow flomer, fomewhat like the finger of a Glove: the fecond 10. $\left\{\begin{array}{l}\text { FOXGLIOVE. } \\ \text { OYLY PURGING PULSE }\end{array}\right.$ (being of a purgative quality.

A Narcotic quality; \|either that which hath large fmooth unctuous leaves, but very fmall feed : or that which hath foft woolly leaves jagged. II $\left\{\begin{array}{l}\text { TOBACCO. } \\ \text { HENBANE. }\end{array}\right.$

## Chap. IV. Herbs according to their Seed-veffel. 105

VIII. CAPSULATE HERBS NOT CAMPANULATE, having viII. CAP. their leaves divided into feveral fegments, may be diftinguifhed into fuch SULATR as have

HRRBS
Naked falks;
IOf a rough nervous leaf; $\|$ either that which bears one flower upon a Italk which is bigger, being divided into five laciwia: or that which bears a lefs flower,many together at the top of the ftalk.

1. SPRIMROSE.

- \&PAIGLE, Comflip.

Primula verios
Peraljfis.
Of a thicker Smoother leaf; the flowers growing many together, ftanding in a Jhorter cup; \|either that which bears the bigger : or the fmaller flower, the leaves being hoary underneath.
$\left\{\begin{array}{l}\text { 2. }\left\{\begin{array}{l}\text { BEARS EAR. } \\ \text { BIRDS EY. } \\ \text { of s round indented leaf; }\end{array}\right.\end{array}\right.$
3. BEARS EAR SANICLE.

Leavy falks; whether
Taller plaxts; confiderable for
Bearing their flowers in Jpikes; the limb of the flower being divided into five fegments, with very little bofe; \|leither that whofe leaves and ftalks are boaty : or that which hath leßleaves, being green. SMULLEIN.
$\{$ MOTH MULLEIN.
Axricula Exff.
Paralyis mow-
tama.
Contus $\mathrm{Ca}_{0}$

Vorbafcmen.
Blatsaria.
Haring fonall duskie flowers; \|leither that of a roundifh leaf,and weak ftalk, the flower being a kind of Tube, with a lip on orfe fide: or having a fiff falk, a leaf like a Nettle, a fmall pmrplißh flower, and a round feed-veffel.

5. SBIRTHWORT.<br>\{FIGWORT.

Lefferplants; whether fuch as are
Deciduous ; to be further diftinguifhed by their different flowers. [Refembling a bead with a geping mowtb; having long narrow leaves, the fecond having a beel.
SSNAPDRAGON.
6. $\{$ TOAD-FLAX:

Ausivalimam.
2marias:-
Refembling a belnset or hood; (or that with fonaller busks. (Having creafed indented leaves; \|eithier that with turgid busks: SCOCKSCOMB.
§EYBRIGHT.
(Having broad jagged leaves; with a Spike of gaping flowers, being a larger plant: or having long leaves jagged about the fetting on, with large feed.
8. SBRANK URSIN, Bears-breech. \{COW WHEAT.
With heels; \|either that whofe feed when ripe will 乃irt out of the cod, bearing yellow flowers : or that of a pale downy leaf, weak Stalks, trailing on the ground.
9. $\left\{\begin{array}{l}\text { CODDED ARSMART. } \\ \text { FEMALE FLUELLIN, Female speedroell. }\end{array}\right.$ Ever green; having weak Jtalks creeping on the ground. 10. PERIWINKLE.
$P$
IX, BAC.

| IX. BACCIfrrous HERBE. | IX. BACCIFEROUS HERBS, may be diftinguifhed according to their |
| :---: | :---: |
|  | lities; into fu |
| Pragaria. | culent; either in refpect of the |
|  |  |
|  | $\left\{\begin{array}{l}\text { Moft pleafant ; a Trefoil propagating by frings or wires. } \\ \text { I. STRAWBERRY. }\end{array}\right.$ |
|  | Leßpleafant; \\|either that of a leaf like Agrimony, bearing round fruit of a bright red : or that of a broad bairy rough leaf, bearing a large fruit almoft as big as a Cosocumber. |
|  ris. Malum infor ตwim. | SAPPLE OF LOVE. |
|  |  |
| Battata. | POTATO OF VIRGINIA. |
|  | nant; whether fuch wh |
| $\because \cdot$ | simple and undivided; $\\|$ either that which hath a broad leaf, bearing black berries: or that which hath a more long, broad, dark coloured leaf. a great root, bearing great berries on fingle ftalks. |
| Solanmem. Mandrageras. | 4. $\begin{aligned} & \text { NIGHTSHADE. } \\ & \text { MANDRAKE. }\end{aligned}$ |
|  | compound; or made up of many fegments; $\\|$ either that which bears light green berries in a clufter: or that which bears but owe leaf divided into four or five parts, and but one black berry. |
| Aconitum ractmefwme Herba Parí. | SHERB CHRISTOPHER, Berry bearing Wolves-bane. |
|  | ¿HERB TRUE LOVE, One Berry. <br> Manner of growth; of the |
| $\cdots \cdot$ | $\left\{\begin{array}{l} \text { Plants themfelves; being climbers, whether fuch as are confiderable } \\ \text { for } \end{array}\right.$ |
|  | 'Purgativeneß; bearing red berries; $\\|$ either that of a great 2tbite root, having leaves like a Vine, but more rough: or that of a great black root, with leaves like thofe of Ivy. |
| Bryonia alba. Bryowia nigra. | © SWHITE BRIONY. |
|  | 6. \{BLACK BRIONY, Wild Vine, Ladies-feal Being full of crooked prickles; having a long triang |
| Smilax aforra. | 7. PRICKLY BINDWEED. <br> Berries; whether in a |
|  | ' Bladder; \\|either that which is a loso plant, which bears a red berry in a large bladder: or that whofe leaves are like chickpeed, ramping upon other plants. |
| Alkakengi. | SWINTER CHERRY. |
| $\begin{aligned} & \text { Cacubalum. } \\ & \text { Pliwio. } \end{aligned}$ | BERRY BEARING CHICKWEED. |
|  | Uurbel; having moingedleaves, like Elder, both for fhape and fent. |
| Ex | 9. DANEWORT. |

Chap. IV.

## Of Sbrubs.

SHRUBS may be diftributed into fuch as are
8. Vi.
[Bacciferotes;
Deciduows;
$\{$ SSPINOUS, or thorny. I. \{NOT SPINOUS. II.
EVERGREEN. III.
SILIQUOUS; fuch as bear their feeds in PODS. IV.
Granifeross; bearing fmaller feeds, whether fuch as are
SDECIDUOUS. $V$.
ZEvergreen. Vi.

1. BACCIFEROUS SPINOUS fhrubs of DECIDUOUS leaves; may be diltinguifhed intofuch as have either
[Componnd leaves; whether fuch as may be called
Fingered; viz, when feveral proceed from one point,bearing an efculent berry confifting of many little pulpy grains aggregated together in one head; \| either that whofe branches ate erect , bearing the more pleafant fruit:or that whofe branches are procumbent and trail-
2. SRASBERRY, Raffis.
3. そBRAMBLE, Blackberry.
(ing
Rubum Lhans. Rubu vilga-
Winged; viz. growing by pairs againft one another upona middle rib; || either that which bears the mere beantiffll and fweet fluwer : or that whofe flower is leß beantiful and froeet.
4. $\left\{\begin{array}{l}\text { ROSE. } \\ \text { BRIER. }\end{array}\right.$

Simple leaves;
Divided into feveral fegments; || either that which bears a more juicy efculent berry, being the leffer plant : or that which bears a drier red berry, being the taller plaint.
3. $\left\{\begin{array}{l}\text { GOOSBERRRY. } \\ \text { WHITE THOR }\end{array}\right.$ §WHITE THORN, Hawi-thern.
2udivided; whether
RRoundifh; whofe fruit is
[Efculent; \| either that which produces a fruit like a forall Plum, black, round, of an acid auftere taft, the blofforms coming' out before the leaves: or that which bears its fruits in clufters, being long flender reddijh, of an acid taft.
$\begin{array}{lll} & \text { being long Jender reddift, of an acid taft. } & \\ \text { 4. } & \text { SLOE-TREE, Black-thorn. } & \text {. } \\ \text { BARMBER five. }\end{array}$
4. \{BARBERRY゙.

Lerberis:
Not eforlent; whether
$\int_{\text {Purgative } ; \text { having leaves like thofe of a Plum-tree, bearing black }}^{\text {bervies }}$
$\left\{\begin{array}{l}\text { 5. PURGING THỠN. }\end{array}\right.$
Phamuse Catharsices
Not purgative; || either that which hath long; fiffe, flender, Iharp thorns, bearing a fruit refembling a bat: or that whofe berries contein a long freaked feed.
6. $\left\{\begin{array}{l}\text { CHRISTS THO } \\ \text { BOXTEORN. }\end{array}\right.$
Long; and fomewhat boary.
7. BUCKS THORN.

II. BACCI-
II. BACCIFEROUS Shrubs of DECIDLIOỪ leaves, NOT SPINOUS, may be diftributed into fuch whofe berries are; either fEfculent; bearing their fruit
(In cluffers; $\|$ either that of a rich juice, fpungy wood, trailing branches: or that whofé leaves are like thofe of Goosberry, but larger, and erelZ SVINE, Grape, Rajiin.
\{CURRAN.
Singly ; being a lowplant, of dark green leaves, hollow flowers, fmall 2. BILBERRY, whortle-berry.

Not efculent; to be further diftinguifhed with refpect to the Leaf.
[Undivided;
Round; confiderable for the
Manner of bearing their fruit; whether [In Umbels; whofe leaves are
(Hoary; underneath; \|either that which bears black berries, containing one flat feed: or that which bears red berries. SWAYFARING TREE.
SWAYFARING TREE. cumberland Hawthorn.
(Green; having red twigs, and a black fruit, conteining one ker4. DOGBERRY TREE.
(nel. In clufters; having but one grain in a black berry; $\|$ either that 5. SBIRDS CHERRY. (whofe leaves are larger:or lefer. 5. \{WILD ROCK CHERRY OF AUSTRIA. (leaves are sparfedly; having feveral grains in a berry; whether fuch whofe (Hoary underneath, and le $\beta_{;} \|$either that of a thicker leaf, bearing a red berry, covered with a kind of down: or that other SDWARF MEDLER. - (bearing a black berry. \{SWEET WHORT.
(Green and larger; like thofe of Alder, but fmoother, bearing a black berry, the inward bark being a violent purgative. 7. BERRY BEARING ALDER.

Alows migra
bascifora.
Periclymenum: Periclymenит rectum.

Piper.
sicezercon.
Enorymus.

Ligufisum.
CajJía Poêta.
rum.
Sambucus
Rofeas
Sambucis aquatica,
Polemonium. lowers; being tubulous and odorate; $\|$ e either that which is climb8. SWOODBINE, Honyfuckle. (ing: or that which is erect. -. ZUPRIGHT WOODBINE.
[Taft of the fruit; being bot, biting, aromatic, growing in clufters,each clufter coming out on the fide of the ftalk, oppofite to a leaf on 9. PEPPER. (the other fide, being a climber.

## Long;

PPurgative; bearing red berries; \|either that which fends out its blofloms in winter before the leaves, being of a fweet fent:or that whofe younger branches and berries are quadrangular.
ic. $\left\{\begin{array}{l}\text { MEZEREON. } \\ \text { SPINDLE TREE. }\end{array}\right.$
Not furgative; having flender flexile twigs; \|either that which bears black berries in clufters: or that which bears red berries I I. $\left\{\begin{array}{l}\text { PRIVET. } \\ \text { SHRUIB CASSIA. }\end{array}\right.$
Fagged; \|either that which bears a great round clufter of mobite flowers:
12. SGELDER ROSE. (or that which bears its flowers in an Vmbel.

1. ZWATER ELDER. (berries.

Compound; bearing a flower like Feflamine with round black fhining
13. YELLOW JESSAMINE. (falks.
. Tragus.
III. BACCIFEROUS SEMPERVIRENT SHR.UBS, may be diftribu- III. BACCI-
if Compound; whether (ted intofuch whofe leaves are; either
(Winged ; $\|$ either that which is of a fragrant smell, bearing yellon feeds in black berries: or that which bears fmall berries like Mulberries. STRUE BALSOM, Balms.
THORNY BURNET.
FFROus SEMPERTIRent shrubs.
(Fingered; having feveral leaves growing from one foot-ftalk, bearing 2. DWARF PALM.

Intire; whether of
(Black berries; $\|$ either that whofe leaves grow againft one another:
or that whofe leaves grow alternately.
. $\{$ PHYLLYR $\nVdash A, ~ M o c k . p r i v e t . ~$
3. \{EVERGREEN PRIVET.
(Red berries; \|either that of oblong finining ferrate leaves, bearing fruit like strawberries, but bigger : or that which bears berries of a SSTRAWBERRY TREE. 4. \{EVERGREEN THORN.
(more pale gellowifh red. Arbutus.
smooth edges; to be further diftinguifhed by the (leaves are iTaft; hot and biting, being violent purgers; whether fuch whofe SBroader; of a tough ftalk, the leaves towards the botton being $\int$ more long then thofe of Bays, bearing greenifh flowers, and black 5. SPURGE LAUREL. (berries, of a very hot taft.

Narrower; \| either that which bears long pale leaves and red berries: or that which bears dark green leaves, the berries growing
6. $\left\{\begin{array}{l}\text { SPURGE OLIVE. } \\ \text { WIDOW WAIL. }\end{array}\right.$
(by threes.

$$
\begin{aligned}
& \text { Thmazalaa. } \\
& \begin{array}{c}
\text { Chamealaa } \\
\text { tricoccos. }
\end{array}
\end{aligned}
$$

Flower; as to the manner of its growth, as likewife of the berries; [In the midft of the leaf; whether having
[Larger leaves; not fpinows: the latter of which hath a fmall leaf growing out of the middle of another leaf,betwixt which two, the bloffoms and berries do grow.

- SLAUREL OF ALEXANDRIA. $i$ \{ HORSE-TONOUE. L Lefer leaves; Spinows, bearing large red berries. 8. BUTCHERS BROOM.

In an Umbel; having a thick, broad, dark coloured leaf, bearing early flowers, and faid to bloffom twice in one year.

> 9. WILLD BAY.

Leaf; whether
Laurus timus.
ismall, , hender; and prickly at the ends,being odorate; $\|$ either that whole leaves and wood, are of a more pleafant fent, producing blemijh berries: or that whofe fent is le $\beta$ pleafant, bearing black 10. $\left\{\begin{array}{l}\text { JUNIPER. } \\ \text { SAVIN. }\end{array}\right.$
(berries. Fiminurus.

andrima.
Eypeglofinm:'
Rufrur.

Roundifh and broad; $\|$ either that which is odorate : or that whofe flowers grow in clufters, bearing pentagonal fruit about the big11. $\left\{\begin{array}{l}M Y R T L E ~ \\ M Y R T L E ~ S Y M A C H . ~\end{array}\right.$
(nefs of a Peafe.
NGrtus. Rhas myrtifol.
Manner of growing; upon other plants; \|either that which hath weak branches, angular hhining leaves, black berries in clufters, growing commonly upon other trees or walls: or that which never grows on



vi. GRANI-

FEROUS
EVERGREEN SHRUBS.
Cifiow.
Nerism.

Sans maxida.
Iarton rair.

## Alypum mon-

 Boliexfiano.ikofmarinas. Salvia frexicofa.

Sefali Neerhio. picum.
Ledres AlpiWWM.

Pralimses.
STeux barba.

Erise.
togit mini cuntine.
VI. GRANIFEROUS EVERGREEN SHRUBS, may be diftinguifhEuropean; confiderable for (ed into fuch as are ; Bearing large flowers; whether that which hath boary leaves, the flower confiting of five leaves: or that which bears lang fiffe leaves of a SHOLY ROSE. (darkgreost. 1. \{OLEANDER, Rofe-bay.

Having apurging quality; whether fuch as have
[Hoary leaves; || either that which hath fwall leaves, thick Jet upon the ftalk,being boary wnderneath: or that whofe leaves are bigger, and boary all over, bearing fmall flowers in tufts.
SSANA MUNDA. ¿GUTTIVORT, Trouble-belly.
ISmooth bard dry leaves; bearing a blew flower like that of Scabiows. 3. HERB TERRIBLE.

Being odorate ; whether fuch as have
iHoary leaves; verticillate, having hooded flowers; $\|$ either that which hath narrow long leaves boary wnderweath: or that which hath broader leaves boary all over, bearing yellow gaping flowers.
4. $\left\{\begin{array}{l}\text { ROSEMARY. } \\ \text { SAGE MULIEIN. }\end{array}\right.$

Green leaves; whether that which bears fmall fowers in an Vmbel: or that which bears a large flower like that of Oleander, yellow and gHARTWORT.
¿SWEET MOUNTAIN ROSE.
The place of their growth; whether
iNear the Sea; being of a pale colour; \|either that whofe leaves are forooth, bearing mo $\sqrt{5}$ flowers, and a fmall compre/fid. Seed: or that of winged boary bining leaves, bearing yellow flowers in clufters.
6. SSEA PURSLAIN.

In barren places; being a low plant, having facall bollow flowers, and 7. HEATH.
(little leaver.
Exotic; a low Jorub, the branches fpreading and growing thick together, which after being dnied and fhrunk up, will upon being put into woarm woater dilate and expend themelelves.
8. ROSE OF JERICO.

## Of Trees.

Q. VII. Trees may be diftinguifhed according to their
[Fruit or Seed; being conteined either in a
FFlehy pulp; whether
POMIFEROUS. I.
\{PRUNIFEROUS. II.
BACCIFEROUS. III.
Hard Sell;
SNLICIFEROUS. IV.
¿GLANDIFEROUS, or CONIFEROUS. V.
SINGLE TEGUMENTS, or Coverings. VI.
WOODS OR BARKS. VII.
GUMMS OR ROSINS. VIII.
L. POMI-

1. POMIFEROUS TREES, may be diftinguifhed into fuch as are

More properly called Trees; whether
Deciduous; having
${ }^{\text {r Vifible Bloffoms ; }}$
(Efrulent woben ripe;
More rourd; the tree fpreading more in breadth; both as to the branches and roots of it, the fruits having an outward cavity at each end, in the place of the blofom and the $\mathrm{f}_{\mathrm{a}}$ alk, and five inward cavities lined with fiffe membranes, each of which doth 1. APPLE.
(commonly contein two kernels. ixaluo.
'Le $e ß$ round; that part of the fruit where the ftalk grows,being more prominent ; \|either that which rifes more in beight:or that which $\beta$ preads.more in breadth, being a lower and more creoked tree, whple fruit is covered with a Down, being when raw, of an $\left\{\begin{array}{l}\text { PEAR } \\ \text { QUINCE. }\end{array}\right.$
[ Not efculent, till rotten;
T The greater; ||either that fonaller tree, having long lowers,dark green above and white beneath, the fruit having a mide aperture in the place of the blofom: or that thorny tree, whofe teaf and fruit is like a Hawthern, but thefruit bigger, and of a pleafant acidity.
3. $\left\{\begin{array}{l}\text { MEDLAR. } \\ \text { LAZAROLE }\end{array}\right.$

The leffer; being tall trees; $\|$ either that of mingedferrate leaves, bearing a fruit like a fmall Pear:or that of jagged leawes,bearing a lefler fruit in clufters upon long foot-fzalks.
4. $\left\{\begin{array}{l}\text { TRUE SERVICE. } \\ \text { COMMON SER VICE. }\end{array}\right.$
(No vifible bloffoms; unlefs ( as JOHN BAUHINUS obforves) within the fruit, being a weak tree, of fmooth bark, large' leaves, divided commonly into five jags, whofe fruit is of an oblong Pear-like figure, of a more foft confiftence, full of little grains.

## 5. FIGG.

Sempervirent; or evergreen; whofe fruit is either
f Round; of a
(Hard, cruftaceows, brittle rine; a thorny tree,bearing large beautiful bloffoms, the fruit full of grains in a redpulp, with a kind of Coronet on the top of the fruit, at the place of the blofjom.
6. POMEGRANATE.
(Softer rine; the fruit as to its colour being of a deep yellow; $\|$ either that which hath a quick juice of a grateful acidity: or that whofe 7. $\left\{\begin{array}{l}\text { ORANGE. } \\ \text { ADAMS APPLE. }\end{array}\right.$
( juice is of a more dull and flat tast. Axrantia.
Loblong; and oval; being of a pale yellom; $\|$ either the bigger, whofe rine is more thick, and whole juice is le $\beta$ acid: or the lef, whofe rine SCITRON. (is more ikin, and whofe juice is more acid. 8. $\{$ LEMMON

Malws medi-
caimonia.
Limat
[ Leßproperly called Trees; bearing fruits of föme refemblance to Figgs; $\|$ either that which grows to a great bignefs, bearing a pleafant fruit, many in a clufter, being Annual: or that whole teaves grow out of one another, of which thofe in Northern Countries are commonly fo SPLANTAIN TREE. (fmall as to be reckoned amongft Herbs. mafa arbor. 9. \{INDIAN FIGG.
II. PRU- Ficus Indica.

## II 4

Of Trees. Part. II.
II. PRUNI. FEROUS TRFES.
Malus Per.ics.
anaciperfica.

Malus Armemiaca. Prumes.
corafus. Coruses.
olea.
Palma.

Myrobalanses. schefico.

Eixypbus alba. Eizyphus fatio -n.
II. PRUNIFEROUS TREES, may be diftinguifhed into fuch as are Not Purgative;
Deciduous; whofe fruits are
Greater; whofe flones are
(Rough; having many deep crooked furrows; \|e either that whofe fruit is covered moith a Down : or that whofe fkin is not downy.

SPEACH. Malacotoon.
. ¿NECTARINE.
Smooth; \|either that, which is fooner ripe, of a more dry, folid, yellow pulp: or that of a more fucculent pulp.
SAPRICOCK.
$\{$ PLUMM.
Leffer; putting out blefoms before leaves; \|either that which bears a more round fruit upon a long foot-stalk: or that which bears a more oblong fruit upon a foorter foot-falk.
3. $\{$ CHERRY.
3. \{ CORNELION.
scmpervirent : having fones with very fmall kernels: \|either that which hath long narrow leaves, boary underneath, the fruit not efculent till pickled : or that which hath very long terwes, like thofe of Reed, the fruit growing in clufters, of a pleafant taft.

Pargative; being fold in Apotbecaries Shops.
[ Ueed fometimes for food; Heither that whofe fruit is bigger: or that which bears a frall black turbinate fruit, ftanding in a little cup, of a black, frect, viccid pulp, adhering to the ftone, which conteina three feeds.
5. SMIROBALANE.
Not ufed for food; $\|$ either that whofe fruit hath fome refemblance te
an olive : or that which bears a red fruit, the leaf fort, round, fer-
rate, of \& deep green.
6. SWHITE JUJUBS.
COMMON JUJUBS.
III. BAC,
III. BACCIFEROUS TREES, may be diftinguifhed into fuch as are mi. BACCrEEuropran;
(either $\begin{gathered}\text { FFROUS } \\ \text { TREES. }\end{gathered}$
[Deciduowr ; whole fruit is
(Efculent; having broad, roundifh, ferrate,rough leaves, bearing a fruit
$\{$ like that of a Rasberry, but bigger.

1. MULBERRY.
sorxs.
Not efculent ; having
Winged leaves; the wood more
[Saft and fpungy; $\|$ either that, the younger branches of which are full of Pith, bearing the berries in an Umbel, being of an ill fent: or that which bears its berries in a clofe tuft, the wood
< being ufed for giving a black tincture to Leather.
2. $\left\{\begin{array}{l}\text { ELDER. } \\ \text { SUMACH. }\end{array}\right.$

IHard; \|either that which bears its berrirs in an Umbel, being of a red colour and an acid taft: or that which bears a fonall, round, oblong fruit, in long clufters, having many hollow excrefcences 3. SQUICKEN TREE.

Slike Bladders.
Sambucus.
Rhus Sumach.

Fraximus bes-
3. 3 TURPENTINE TREE.
bula. Terabintbras.
Single leaves; bearing a fmall black fruit upon a long foot-jtalk, like
that of a Cberry, the leaves refembling thofe of Nettle.
4. NETTLE TREE.

Barmo
Eviergreen; confiderable for their
i Berries; whether fuch as bear
${ }^{\text {r Black }}$ berries; || either that whofe leaves are more 乃ort, odorate, of a deep green, each berry conteining two feeds: or that whofe leaves are more pale, long, fhining and ferrate.
5. \{BAY.
¿ Red berries; \|either that which hath fmall narrow leaves of a dark green: or that which hath large fining prickly. leaves. 6. SYEW.

Whitigh berries; having fmall round leaves of an ill fent, a hard clofe 7. BOX.
(wood of a yellowifh colour. Bxsm.
Gumms; \|either that which hath winged leaves, woithout an od leaf
at the end: or that which hath long narrow leaves, like thofe of Iris, producing a red Gum called sanguis draconis.
8. $\left\{\begin{array}{l}\text { MASTIC TREE. } \\ \text { DRAGON TREE. }\end{array}\right.$
xotic;

Lentifcers.
Draco arber:
Excotic;
[Decidnows; $\|$ either that whofe fruit is Aromatical, being the bottow of the flower, which when ripe, grows turgid in the middle where the feeds are conteined: or that of minged leaves, ferrate; of a deep green, bearing pobite berries in clufters.


V. GLANDIFEROUS, and CONIFEROUS TREES, may be di- v. GLANftinguifhed into fuch as are

## DIFEROUS

GGlandiferous.
and CONI-
ferous
Deciduous; $\|$ either that which is a large tree, of a bard lafting moood, TREES.
a rugged bark, the leaves maved at the edges: or that whofe leaves are more deeply divided, bearing a larger fruit, ftanding in great thick rugged cups, ufed for tanning.

1. SOAK.
I. $\{$ BITTER OAK.

Quercws.
Corrws.
Evergreen; $\|$ either that whofe leaves refemble thofe of Holly, being of a dark green above, and white underneath : or that which is very like to this, having a very, thick, light, porows, deciduous bark.
2. $\{$ HOLM OAK.
\{CORK TREE.
Coniferous;
Deciduous; bearing fmall Cones; $\|$ either that which grows in materyplaces, having leaves of a dark green, Thaped like thofe of the Nuttree: or that whofe leaves are very flender,growing in tufts,more thin at diftances, of a paler colour.

## 3. $\left\{\begin{array}{l}\text { ALDER. } \\ \text { LARICH TREE. }\end{array}\right.$ <br> Evergreen; whofe Cones are

Sinxs.
[Bigger; \|l either that which is a large tall tree, bearing great rowndifß Cones of fmooth fcales, ftanding uppoards, the leaves being fmall, narrow, and thick fet together: or that which bears long fender leaves, two growing out together from one focket, the Cones confifting of bard poooddy fcales.
4. SCEDAR.
4. \{PINE.
codres.
Lefler; having'
[Long leaves; $\|$ either that whofe leaves encompafs and cover the branches;bearing long Cones banging downwords: or that whofe leaves grow from each fide of the falk, being more flat, like thofe of $Y_{C w D}$ green on the upper fide, and whitifh underneath, furcated at the end, bearing Cowes 乃orter and thicker, growing erect.
SMALE FIRR TREE, Pitch-tree.
5. \{FEMALE FIRR TREE.

Abies sesas.
Abies fromime.
short leaves; \|either that which grows in a conical figure, bearing fmall roundifb Cones: or that which hath compreffed branches of a ftrong refinous fent, bearing fmall Cones encompafed with fix fcales.
6. $\left\{\begin{array}{l}\text { CYPRESS. } \\ \text { TREE OF LIFE. }\end{array}\right.$
vi. trees VI. TREES bearing their Seeds in SINGLE TEGUMENTS or Co-

## whofe Seeds

 are in sins- verings, may be difinguiihed into fuch whofe feeds are conteined in gle tegu. -Pods; called Siliquous trees; whether fuch whofe Pods are MENTS.Larger ; being
$\{$ Efculent; having pringed leaves, and very broad Pods.
Siliqua arbor.

Caflia.
Tamarisdus.

Arber 7xda.

Olmus.
Carpinans.

Frasiviks.

Scor miwnes.
Scor majus.

Betala. Populus tres mula.
\{ Purgative; || either that which bears a round, black, and very long Pod, whole pulp is ufed as a benign purgative:or that which bears a thick Pod, having minged leaves, and a purgative pulp. 2. SCASSIA.
2. $\{$ TAMARIND.

Lefler; having a round leaf, bearing elegant purple bloffoms, and a thin 3. JUDAS TREE.

Membranaceous coverings; whether
'Foliaceows busks; \|l either that whofe leaves are rough and indented, having a rugged bark: : or that whofe leaf is fomewhat longer and frnoother, having a more even bark.
4. SELM.

Alate feed-veffels; or Keys; whether fuch as do generall bear
$\{$ Single Kcys; having minged leaves, a frooth bark, and a tough mood. 5. ASH.

Double Keys; || either that which hath fmaller leaves, divided into five fegments, being a brittle mood: or that which hath broader leaves, more deeply divided, being a foft wood.
(Pod.

Papulus nigra.
Populas alba.

Satix angufiz-

## fol.

Salix latifol.

Tilic.
Platanas.
6. $\left\{\begin{array}{l}\text { MAPLE } \\ \text { SYCAMORE }\end{array}\right.$

Catkins ; called 7 uliferous trees; whether fuch as are of
[Lefjer leaves; || either that which hath תlender reddifh twigs, fmooth and white branches: or that which bears a roundifh crenate leaf, upon very fender foot-ftalks, which makes them apt to thake upon every little breath of wind.
7. $\begin{aligned} & \text { BIRCH } \\ & \text { A PPIN }\end{aligned}$

Larger leaves; \#either that whofe leaves are of a dark green, like thofe of Ivy, having a whitif bark, and growing in watery places: or that whofe leaves are lacimiated, being of a dark green above, and boary
8. $\left\{\begin{array}{l}\text { BLACK POPLAR. } \\ \text { WHITE POPLAR. }\end{array}\right.$
(mbite underneatb.
Longer leaves; of a foft wood, growing moft naturally in moilt places; $\|$ either that whofe leaves are more denfe and compact, being the larger tree: or that which is a leffe tree, having a broader leaf, and bearing larger Cat-kins.
9. $\left\{\begin{array}{l}\text { WILLOW. } \\ \text { SALLOW: }\end{array}\right.$

Round Buttons; \|either that which hath broad leaves ending in apoint, being fmoother above then underneath, bearing a fapeet bioffom, and a ronnd fruit about the bignefs of a Peafe, conteining one feed: or that which hath a divided leaf, whole fruit is eckinate or prickly, conteining feveral feeds
VII. TREES confidered according to their WOODS or BARKS, may be diltinguifhed into fuch as are principally known and taken notice of for their
[Woods; according to their ufes in
1 Pbyfick; whether fuch as are efteemed
Cordial; being a hard, heavy, unctuous, Aromatic wood, the grain like that of Oak.
I. ALOE TREE.

Diaphoretic ; of a hot biting taft; \|either that which is ufed againft the Pox: or that which is commended as an Antidote againft the biting of serpents.

SGUAIACUM, Pockwood.<br>2. $\left\{\begin{array}{l}\text { SNAKEWOOD. }\end{array}\right.$

Cooling and Aftringent; whether that of a deep red, being hard, heavy, and of a finer grain, having adull taft and no fent: or that which is yellowifh, of a ftrait courfe grain, and fragrant fmell like Musk.

## 3. $\{$ RED SAUNDERS. <br> - ¿YELLOW SAUNDERS.

Ufeful againft the Stone and difeafes of the Kidneys;|| either that which tinges Water fo, as to make it in feveral lights to appear of two colours,blewoifh and yellow, not confiderable for taft or fmell: or that which is yellowifo in the middle, and mbite on the outfide, having a hottifh talt, and a fent like that of a white Rofe.

[^8]Mechanics; whether for
(Djing a red colour; the former being a bard beavy woood of a ftrait grain, with ftreaks of black.
5. $\left\{\begin{array}{l}\text { BRASIL WOOD } \\ \text { LOG WOOD. }\end{array}\right.$

Erafflium ligb nwm.

## Lignann mo- <br> phritickm. <br> Ligumm Rbo- <br> diwm. <br> Sansalam ra- <br> brum. <br> Santalam ci- <br> trinum.

Fabrile ufes; whether the making of
[Cabinets; being capable of a fhining politure ; \| either that of a black colour, a clofe grain, being very heavy : or that which is varlegated with red and white.
6. $\left\{\begin{array}{l}\text { EBRNY. } \\ \text { PRINCES WOOD. }\end{array}\right.$

Linbes; for the conveiance of Water, being flreight flender trees, growing to a very great height, having a tuft of branches only at the top, the greatelt part of them being pith, inclofed in a fhell of very bard woood, fomewhat refembling a Rufh, 7. CABBIDGE TREE, Palmetto Royal.

Barks; or Rines; either that which is
$\left\{\begin{array}{l}\text { Efulent ; being Aromatic, and of a fweet taft. } \\ \text { 8. CINNAMON }\end{array}\right.$
8. CINNAMON.
. Medicikal; \|either that which is fo foveraign a remedy for the cure of Agues, bring of a dark colour, no confiderable taft: or that which is of an A/b colour, and a bot biting taft, good againft the Scurvy. 9. $\left\{\begin{array}{l}\text { CORTEX FEBRIFUGUS PERUVIANUS, fefuits powder. } \\ \text { CORTEX WINTERANUS. }\end{array}\right.$

Lignum vita.
Ligumm colw-
brimom.
VII. TREES confidered according to their
WOODS or
BARKS.

Ligusm Alows.
briskM.
vili trees VIII. TREES confidered according to their GUMMS or ROSINS, confidered may be diftinguifhed; either according to their
according to foums ; whether
Or ROSINs. Odorate; being of a bitter taff, proceeding from an exotic thormy Mrıba. $\left\{\begin{array}{c}\text { Tree. } \\ \text { I. MYRRHE }\end{array}\right.$

Not odorate ; \|either that which proceeds from an Eggptianthorny tree : or that which is of a yellowifh colour and bitter taft, lea-

Gnmmi Srabicum surcocola.
ving behind it a kind of fweet rellih, fomewhat like Liccorica
2. $\left\{\begin{array}{l}\text { GUMMM ARABICK. }\end{array}\right.$

Rofins; whofe confiftence is more
i Solid; and hard
[Odorate; having a
[More plenfant jent; ufed for
Suffumigations; being tranfpareat; having
[Lefer grains; || either that which proceeds from an Arabian tree: or that which is of near refemblance to this, proceeding from an IEtbiopian Olive, of a mbitiff colour mixed with yellors particles.

## SFRANKINCENSE, Olibanum.

## ZGUM ELEMI.

Bigger grains; proceeding from an American tree, the latter of which is mere clear and tranfparent.
SGUMMI ANIME.
4. ¿COPAL.

Perfumes; $V$ either that which is of a more hard confiftence, and more tenacious : or that which is more eafily diffolved.
SCARANNA.
5. \{BENJAMIN

Leß pleafant fent; either that which is
More volatile; white and tranfparent from feveral trees.
6. CAMPHIRE.

Lefjzolatile ; \|either that which is unazuow and bitterib, eafily growing foft, proceeding from anexotic thorny tree: or that which proceeds from a tall tree like Poplar.
7. $\left\{\begin{array}{l}\text { BDELLIUM. } \\ \text { TACA MAHACA. }\end{array}\right.$

Not odorate; of a redtinciure, ufed in painting and oarnifbing. 8 LAKE.
Liguid; being of a fweet fent; \|either that which is of a more frong fmell : or that which is of a redidifcolowr, ufed for ftopping deffuxions.

Liquidambra.
Bal/ammm
Prrrvinnum.
9. $\left\{\begin{array}{l}\text { LIQUIDAMBRA. } \\ \text { BALSAMUM PERUVIANUM. }\end{array}\right.$
Chap. V. Of Animals. 121

## CHAP. V.

I. Concerning Animals, the general diftribution of them. II. Of exanguious Animals. III. Of Fifh. IV. Of Birds. V. of Beafts. VI. A Digrelfion concerning Noah's Ark.

SEnfitive creatures may be diftinguifhed into fuch as are counted more
(Imperfect; which have fomething analogous to blood, but are deftitute of that red juice commonly fo called, being therefore Atiled EXANGUIOUS, having either no leggs, or more legs then four,
Perfect; whether
FISHES, which have no legs, but fins anfwerable to them, being covered with a naked Ikin, or with feales, whofe proper motion is froimming.
BIRDS, which have two leggs and two wings, whofe bodies are covered with feathers, being oviparous, whofe proper motion is fying.
[BEASTS, which are for the moft part, four-footed, hairy, and viviparous, excepting only fome few which are without feet or hair, and are oviparous.
It may be obferved to be amongft thefe (as it is amongtt the other ranks of Beings, ) that the more perfect kinds are the leaft numerous. Upon which account, Infelts being the moft minute and imperfect, and fome of them (perhaps) of a fpontaneous generation, are of the greateft variety, tho by reafon of their littlenefs, the feveral species of them, have not hitherto been fufficiently enumerated or defcribed, by thofe Authors who have particularly applyed themfelves to this ftudy.

There are fundry of thefe, as likewife of other Animals, which have no Latize names, as being unknown to the Romans, \& there are fundry which have no Englifh names, as being ftrangers to us. And amongft thofe.that have Englifh names, fome are here defcribed by their ufual Appellations in Latin, becaufe I knew not at prefent how to render them properly in Eng$\mathrm{lj} / \mathrm{h}$ : And fome there are peculiar to fome coafts and rivers, and not commonly known elfewhere, which are hard to be enumerated.

As for fïtitiows Animals, as Syren, or Mermaid, Phewix, Griffin, Harpy, Ruck, Centaur, Satyr, orc. there is no provifion made for them in thefe tables, becaufe they may be infinite; and befides, being but bare names, and no more, they may be expreffed as Individuals are.

## 122

## Of Exanguious Animals.

\$. II.

THofekinds of mone imporfect Ansimak, which anc deftitute of that red juice, commonly called blood, are ftiled Examusiaws; to which may be annexed that general name givenso the teaft kinds of thefe, viz. Infelf, from that incifure or refemblance of cutting what is common to moft of them in fome part of their bodies.

Thefe EXANGUIOUS ANIMALS may be diftinguifhed into Lefler ; ufually called Infotis; whether fuch whofegeneration is [Analogons tothat of other Avimals; ' which breed young like themfelves, growing from a leffer to a greacer magnitude, not being tranfmutable into any other Infelt; whether fuch as have.
SNO FEET OR BUT SIX feet, being WITHOUT WINGS. I. ¿SIX FEET and WINOS, or MORE feet THEN SIX. II. Anomalons; whether fuch as
SARE DESTGNED TO A FURTHER TRASMUTATION. III. ZHave in their production nadergone feverall mutations; being firlt Egss, then Masgots or Caterpillars, then Aurelic, and then flying Infeds, which after their firft production do not increafe in magnitude; whether fuch astave
SNAKED WINGS. IV. §SHEATHED WINGS. V.
Greater; whether
Hard; whofe bemes are on their outfide; being either CRUSTACEOUS; namely fach as are wholly covered with a tough fexile fubfance, having generally eight legs, befides a pair of clapes, and two or more annufated borns or feelers. Vi. TESTACEOUS; of a more bard and brittle fibftance TLARBINATED; confifting of a cone-like cavity, rouled ap in a ppirat, which beginning at the Aperture or mowth of them, doth generally proceed from the left trand to the right. VII (NOT TURBINATED. Vil.
SOFT. IX.
I. INSEGTs of an Analogous generation, having no feet, or but fix feet, being mithout wings, may be diftributed into thofe that are

Apoda; without feet.
[More oblomg and round;
itarger:
[More flender; of a reddifh colour, with very little difinction of parts; \|either that which breeds in the eatth: or that which breeds in the bodies of children.

1. $\left\{\begin{array}{l}\text { EARTH WORM. } \\ \text { BELLY WORM. }\end{array}\right.$

LMore thick; $\|$ either that which breeds in wbatery places, being nfed. for the drawoing of blood: or that which is covered with a Jlimy moifture, having four little borns like prominencies, or feelets.

Lefeer ; breeding in Animals; || cither the more swiskte, being fmall wobite Worms, breeding in the lower guts of Men : or the bigger,fticking their beads in the imward membranes of Horfes fomachs or guts. 3. $\{$ ASCARIDES.
3. $\{$ BOTTS.

Mlore fhort and flat; |l either that whofe fhape dath fomewhat 'Tefemble a Flownder, found both in waters, and in the branches of the Poris bilearis, and the liver of feveral of the Ruminant kind: or that of a Quadrate body, with a little trunk ftanding out betwixt two Anteinwe, and fix fringy fubfances behind, living in the Sea،
4. SFLUKE

Hexapoda; having fix feet.
$\left\{\begin{array}{l}\text { Terreftrial; } \\ \text { GGeater; }\end{array}\right.$
Greater;
More flexder; \|either that whole body is fomewhat compirefed, fending owf a light from her tail ; or that which is of a whitifh co-. lour, more obloug, breeding in Meal.
5. $\left\{\begin{array}{l}\text { GLOWKWORM. } \\ \text { MEAL-WORM } \\ \text { Gentle. }\end{array}\right.$
(Le $\beta$ S Jender ; $\|$ either of 2
Darker colour; being like a Beetle without wings, but feeming to have fome little rudiments of wings, noted for being apt upon a touch to fend out a yellowifh ogly fubftance from his joynts.
6. PROSCARAB.

Lighter colour; whether that which refembles a Locuft without mings: or that which is of a Chefnut colour, flat, broad, foft, avoiding ligbi places.
7. $\left\{\begin{array}{l}\text { FIELD CRICKET. } \\ \text { COCK ROCHES }\end{array}\right.$

Leffer; troublefome to other Animals; \|l whether thiat of a paler colour : or that of 2 dark red, being falient.
8 \{LOUSE.
Pediculuss
inker.
Aquatic; having a comprefed body, with an oblique decufation upon the back, and a long tail.
9. WATER SCORPION.

R 2
HI IN -
ciciumbla.
Starimaria.

## Brucus.

Mlatsa nivir
alata.
Profienabions:

## 124 <br> Of Exanguious Animals. <br> Part. II.



[^9](Aquatick; \| whether that which ficks to Fih,not much differing from an Afellas, but only in refpect of the tail, which is fomewhat broad: or that

11. $\left\{\begin{array}{l}\text { SEA LOUSE, (whofe baek is more gilbow, being apt to skip } \\ \text { SEA FLEA, Sugg, River Shrimp. }\end{array}\right.$
III. INSECTS of an ANOMALOUS generation, defigned for a further tranfmutation, may be diftinguifhed into fuch as are
[Apoda; thơfe that are without feet, confidered according to the ) General name;
\{. I. MAGGOT.
Particular kiwds; whether fuch as are.
[Sharp at both ends; || either the bigger, producing the favificous kind: or the leffer, breeding in the exerefcies of Oaks, and the tufts of Briars, and fometimes creeping out of the fides of caterpillars, producing a fmaller fort of Jhining Fly, many of which are Seticaudes.
12. $\left\{\begin{array}{l}\text { BEE MAGGOT, Grub. }\end{array}\right.$
13. $\{$ SHINING FLY MAGGOT:

LBroad and flat at their tails $; \|$ eitherthe greater, baving two black
 black books upon the bead, by fixing of which,this Infeer doth draw his body forward, from whence Flefb-flies proceed:or the leffer, with 3. SGENTILE, (a fhort erect tail, producing Flies of the W'all kind. 3. ¿WASP-LIKE FLY MAGGOT.

Pedata; having legs, whether
[Hexapoda; fuch as have 'fix logs.
( Aquatic;:iving in the water, I wheiher that:which is maked,producing Dragon-flies : or that which is in a cafe mith lititle frraids or fticks ad4. SLIBELLA WORM. (hering to it, producing May flies. 4• ¿CADEW, straxp-200rm.
(Terreftrial; breeding feveral forts of Scarabs; $\|$ whether that which is of a ftrait figure : or that whofe tail is inverted under the belly. 5. SSTRAIT BEETLE PRODUCING:HEXAPOD. 5. §WHRRL WORM.

Pdiciechus mas-
nimu.
Pulax mario
ness.
ili. Ano-
malous
INSECTS.
End.

Pbryganowem.

More then fixilegs; confiderable according to the
\{General name ; comprehending all fuch,as befides three pair of flender crooked legs, on the three firft ankuli next the bead, have two or more fhort thick legs behind, and two appendages at the tail. To which may be adjoyned the moft principal of thofe.
6. $\left\{\begin{array}{l}\text { CATERPILLAR } \\ \text { SILK WORM }\end{array}\right.$

Eruch.
Bombis:

Particular kinds; whether having
EEight feet; that whichin its progreffive miotion doth firft gather its body up into a loop, refting it upon his binder feet and the ap-- pendages of the tail, and then thrufting himfelf forward, or elfe
$\{\rightarrow$ SGEOMETRA A . $\quad \therefore$ (kipping forward.
7. ¿SKIPPING WORM.
[Many feet; amongft which the moft common and numerous kind have fowrtecn feet $; \|$ whether thofe that are fmooth: or thofe that
8. $\left\{\begin{array}{l}\text { SMOOTH CATERPILLAR. } \\ \text { PALMER WORM, Bear morm. (are birfute. } \\ \text { IV. NA: }\end{array}\right.$
IV. NAKid IV.NAKED WINGED INSECTS, which in their production do underWNSEETD. go feveral notations,may be diftributed into fuch, whofe mings are either
spin.
nembilizs.

Me
crabro.

2Nugces corr
maria.
2Kujfca farco.
reris.
invicara. cubses.

Ciecta: Manca papatioпесес.

Iibrefe.
Setieamda.

Papilia.
Phaloza.

Membranaceows; confifting of a thim tranfparent film, being bred of [Apoda ; without feet - (Maggots or Worms that are f Bigger; (habit and breed, having four wings; wherher fuch as are [Faificous;or making of Combs, in which multitudes of them do coBemeficial; by their gathering of Hony and Wax from Plants; || either that which is of a more oblong figure, the males of which (called Dromes) are without fings,being commonly preferved in Gardews : or that which is more 今ort, thick and bairy, living I. SBEE, Droxe, Hive, Comb. (more wildly in lefler fwarmes. I. $\{$ HUMBLE-BEE.

Hurtful; by their deftroying of fruits, Bees, Ur $^{\prime}$. being of an oblong figure, and a gellow colowr; \| either the leß,of a lighter yellow:or the 2. SWASP.
(greater, of a deeper yellow.
Not fabificom ; having
(Waffs.
© Four wings; whether, fuch as in their Chapes refemble Bees or SBEE-LIKE. FLY. - ¿WASP-LIKE FLY.
(Twe wings; $\|$ whether that of a foort thick body, of various bigneffes and colours, proceeding from an oblong round Aurelia, feeding on flefh: or that of a yellowifh colour, and longer legs, feeding din SFLESH FLY. 4. $\{$ DUNG FLY.
(dung.
Lefer; living gregarionß今; $\|$ either that of an oblong body, with a deep incijwre, having four mings, of which there are many that at fometimes are without wings: or that of a more fender body, a tuft on the bead, living near watery phices, having but two mings.
5. SANT, Emmet, Pijmire:
\{GNAT.
Pedate; having fox feet; whether thofe of
[Broad wings; ||either that which hath a great bead, a long frait probofisis lying under the belly,making a loud noife, by the help of two ftiffe membranes that are upon his breast:or that which hath a near refemblance to a Butterfyy, in refpect of the largenefs of the wings, but 6. SCICADA. (only they are not farinaceous or erect.

Narrown wings; being bred out of the water; \| either of a naked bexapod Worm : or of one that lives in arafe, to which little fticks and 7. SDR AGON FLY, Bolts-head. (Itraws do adhere: $1^{7 \cdot}$ \{MAY FLY.
Longlegs ; having but two moings.
8. CRANE FLY. sbepheards fly.

Farinraccous wings; being covered with a mealy fubftance eafily coming -off upon a touch, which in the Microfcope appears to confift of fmall downy feat hers, as the moft ingenuous Mr. Hook hath firft difcovered; whether fuch whofe poings in the ufual pofture are
(Erected ; ftanding upright upon their backs. being of great variety for colours and magnitudes, diftinguifhable into thefe two common kinds, 9. SBUTTERFLY.
$\left\{\begin{array}{l}\text { 9. \{MOTH. } \\ \text { compreffed; lyi }\end{array}\right.$ (fuch as appear by day, or by nigbt. (ftrong, and the tail more broad. Compreffed; lying morè flat on the body, the wings being morefort and
V. SHEA-
Chap. V. Of Exangnions Animals. 127
V. SHEATHED WINGED INSECTS, commonly called Beetles or scarabs, many be diftributed intofuch, whofe coverings are more . SHEATHED WINGED INESTE.

RBimearase
Benrubew inafocornis

Stiffe, without jugetr; whether trmachallike thofe of a stags : or
$\left\{\right.$ 2. $\left\{\begin{array}{l}\text { STAG BEETLE } \\ \text { BULL FLY BEETLE. }\end{array}\right.$ (not branahed like abofe of a Budl. Comum velami.

Limber,and with joims; impropeny called bonverseing sivitenna or feelers; || either that whofe sintense are very long ased ne-
 SGOAT-CHAFER.
3. $\mathcal{Z}$ KNOBED HORND RTETLI.
capricenses.
Scarabaws Antorivic no.:
dojin

## [Not borned;

$\left\{\begin{array}{l}\text { Terreftrial; having } \\ \text { Longer cowerings for their wings; } \\ \text { rThe grenter; }\end{array}\right.$ IWe greater; IOf a dark baxchifh colomers whether that whichis mof comsuon: or that other of near refemblance to this,having ferrate legs, ufing to roul Dung iato littlefalls, by wworking backwards 4. $\left\{\begin{array}{l}\text { COMMON BEETLR. (with bis bieder foet. }\end{array}\right.$ : Of a lighter colour; \| either that of a ruffot nobour, living in Trees, having a long barptail, extended beyond she mings:or that 5. 5 DORR, Grey Beetle. (of a joiving gneen,feeding on Rofeis. scaraboni 5. 2GREEN CHAFER.

Scarabam
vulgari.
Scarabass pi-
inlarì. drberew. The leffer; || either that of a leag pewder body, frequent about houfes, making a noife like the minute of a Watc $b$, by friking the bottom of histregf againit his belly:or that of a more fhort ramed fiewre, fiving in the felds, being eithar whally red, or 6. $\left\{\begin{array}{l}\text { DEATH WATCH. } \\ \text { LADY-COW. }\end{array}\right.$ shorter coverings; not reaching half the length of their bodies,
 up in their defence; ||the greater which is black: or the le $\beta$ which
7. $\left\{\begin{array}{l}\text { STAPHILINUS. } \\ \text { EARWIGG. }\end{array}\right.$
(is of a reddifh colour siapbilinus.
senficule.

Aquatic; || eicher the greater, living woder mater, having the binder. pair of legs longer for froimming, being faid to fly out of the mater fometimes in the night : or the leßof a gibbous rownd foining back, 8. $\{$ GREAT WATER SCARAB. (playing on the top of the water. ¿LESS WATER SCARAB.

Scarabaus
aquat. major.
scarabass IThin, meak and flexile; of more oblong bodies ; \|either that which is of aquat. min or. a green, gilded, رhining colour, ufed for Canfticks : or that which Jbines
2. CANTHARIS.
9. 〔GLOW WORM FLY.
(in the night. Cicimdila.
VI. The

## 128

vi. CRU. 8TACEOUS STACEOUS, may be diftributed into fuch whofe figure is more FXANGUI- Oblong;
VI. The greater fort of EXANGUIOUS ANIMALS being CRU-

The greater; having

〔Naked Sellds; of a dark brown colour; \|either that which hath four pair of legs, and two great clams: or that which hath no clawos, but five pair of legs, the feelers fomewhat compreffed, being thorny on the back.
1Racks.
Lormfia mari-
esfod

Vrfus marimar.

1. SLOBSTER.

- LONG OISTER.
(Oowony Sell; having a broad bead, with two fiort, broad, lawinate prominencies from it, five pair of legs, and no claros. 2. SEA BEAR.

The leffer; living in
FFref mater; refembling a Lobfter, but much leß, of a bard Juell. 3. CRAYFISH, Crevice.

Afacus finvi. asilis.

Salt water; having a thinner fhell, being of a pale flelh colour; $\|$ either that of a $\rho_{3 a r p e r ~ t a i l, ~ t h e ~ t w o ~ f o r e-l e g s ~ b e i n g ~ b o o k e d ~ a n d ~}^{\text {a }}$ not forcipate: or that which hath a broader longer tail, with two
squilla. Squille Man$t i s$. purple fpots upon it, being the greater.
4. SSHRIMP, Pramn.
4. $\sum$ SQUILLA MANTIS.

Shells of otber Sea Fifhes; having befides two claws, and two pair of legs hanging out of the fhell, two other pair of foft hairy legs within the ßell.
CancelRus.

Cancer yulga-
ris.
Cancor Rera. cleoticks.

Camer majus. Cancer molecenfis.

Cancer miner.

[^10]VII. TESTACEOUS TURBINATED exanguious ANIMALS, may vil. TESTAbe diftributed into fuch as are
(More properly fo called; whether fuch whofe fpiral convolutions
Not produced; but equal on both fides; || either the Greater, having feveral Diaphragmsperforated, the Animal within fomewhat refembling a Polypus: or the Leß, being of a dark red colour, and found in frefh water.
SNAUTILU ${ }^{2}$.
I. $\{$ WATER-SNAIL.

Produced; whother
[More fliort in the Spiral produafion, confiderable for having a
purple juice; heretofore uled in Dying, the foells being either knobbed or thorny $; \|$ either that whofe foll is very large and thick, being the ftrongeft and beavieft of this kind, having a long aperture : or that which hath a roundifh aperture, with a neb or beak at one fide of it.
2. SMUREX.
2. ¿PURPURA.

Long aperture; || either that whofe turbiwated part is almof plain, and the part not turbinated; much produced, fomewhat like a $C y$ linder:or that which is of a great bignef, having feven ftrong furrowed promi nencies from one fide of the aperture.
SCYLINDROIDES.
3. \{AFORRHAIS.

Roundiff aperture; \| either that which is more prominent, having more revolutions 3 or that which is more compreffed, having fewcr revolutions, many of them having a knob by the aperture. ZSEA SNÅIL. -
4. \}NERITES.

More eblong ; always ending in a fharp point, having cither a more jProminent bafe; |leither the Greater: or the Leffer.
5. $\{$ BUCCINUM.
5. そTURBO.
(Flat bafe; broad and round, being nearer to the figure of a Cone; the greater: or the leffer, whole bafe is leß flat.
6. STROCHUS.
. PERIWINKLE, Welke.
Do not appear on the outfide; but are mithin the Sell, having long apertures; || e ither that whofe aperture is more narrow, being furrowed on eitherffide: or that whofe aperture is fomewhat wider, not furrowed on the fides of it.

LPERSIAN SHELL. $\quad \begin{aligned} & \text { ris. } \\ & \text { Leßproperly fo called; being of near affinity to the Univalus, the infide fica. }\end{aligned}$ having a pearl-like 乃ining colour, with feveral boles on one fide, being
at one end on the outfide fomerobat turbinated.
8. SEA EAR.'

## Concha Fene:

cochlea.
fica.

Auris marimas

## 130

Of Exanguious Animals.
Part. II.

## vili. TE. <br> staceous Aot tur. binated.

VIII. EXANGLIIOUS TESTACEOUS ANIMALS NOT TURBI-

NATED, may be diftributed into fuch as are
Univales; having but one Joell; whether being
Unmoved; fticking faft to Rocks or other things; $\|$ whether that whofe convexity doth fomewhat refemble a fhort obtufe angled cone, having $n o$ bole at the top: or that which is of an oblong figure, fomewhat $C$ lindrical, fixed at the bottom to the place where firft it was bred, with
Patella. Balanus.

Eсhisms.
Ecbines ßa- $^{\text {- }}$ tagus.

Conchas margaritifera. Galades.,

## Osfice.

spondylau.

Pecters. Pedrancrias.

Cbama.
tellina.

Pinus.
Mufculus.

Pholas.
soler.

Bervicla.
(an aperture at the top.

## 1. $\left\{\begin{array}{l}\text { LIMPET. } \\ \text { CENTER FISH. }\end{array}\right.$

| Moveable; || either that of a Spherical figure fomewhat compreffed, full of prickles, having one large round aperture at he bottom, and another fmall aperture oppofite to it : or that which is of a more oblong figure,a tender fhell, having two apertures on the fame fide.
2. SBUTTON-FISH.
2. \{MERMAIDS HEAD.

Bivalus; having two fells; whether more
Roundill, fuch whofe outfides are
Smooth; || whether that of larger thicker foell, of a pearl-like Jhining, whofe inward part towards the joynt, doth end in a narrow finwo or cavity : or that which is whitifh on the outfide.
3. $\left\{\begin{array}{l}\text { MOTHER OF PEARL. } \\ \text { GALADES }\end{array}\right.$

〔Rough; \|either that whofe joynt is more narrow, having no prominences in the infide of it : or that whofe jojnt is more broad, with two prominencies and two correfpondent cavities in each Лbell. 4. $\{$ OYSTER.
4. 2 PONDYL.
$!$ Furrowed; || either the bigger; having one or two ear-like prominencies on the outfide towards the joynt: or the le $\beta$, having no fuch pro-
$\left\{\begin{array}{l}\text { SCOLLOP. }\end{array}\right.$ 5. \{COCKLE.

- oblong; confiderable for being

Lefslong; and neareft to the round kind, being fmooth, and having thin fleells; || either the greater, of a flattifs and compreffed figure : or the leffer, being fomewhat of a triangular figure, having the edges 6. SCHAMA.

More long; whether fuch as are
fof a dark blackifl colour on the outfide; \| cither the greater, whick from a joynt at one end more acute and flender, doth grow out to a great length, becoming broad at the other end, having a filklike fubfance within the fhell: or the le $\beta$, of which one kind hath the joynt at the end, and is commonly eaten, the other hath the 7. $\left\{\begin{array}{l}\text { PINNA. } \\ \text { MUSCLE }\end{array}\right.$
(joynt on the ride.
Not clofed exadly in all parts of their Jbells; \|either that which lyes in boles in a kind of marle at the bottom of the Sea, having an aperture near the joynt, and a little book in the infide: or that which is open at both ends, being the longeft of all the reft, in proportion to Solen. 8. $\left\{\begin{array}{l}\text { PHOLAS. } \\ \text { SHEATH-FISH, Razor }-f f\}\end{array}\right.$

Growing by a neck to other tbings; whofe fell confilts of five parts, commonly (though fallly) faid to produce a Bird, being of a trian9. BARNICLE.
(gnlar figure.
IX. SOFT
Chap. V. Of Exanguious Animals. 131
IX. SOFT EXANGUIOUS ANIMALS, may be diftributed into ix. soft foch as are

EXANGUI:
More Perfect GUS ANE.
ore Perfect ; having mouthed like the beaks of Birds, with eight Ain- male.
by fibffances about them lerving inftead of legs, their bodies conteining a black liquor like Ink; whether thole whole bodies are more fobround; having
$1^{\text {No Antenna; }}$ or feelers, and being without any bone; $\|$ either the greatef, growing to a waft magnitude: or the le $\beta$, whole legs are longer in proportion, being of a fleet dent.

1. $\{$ POURCONTREL, Peke, Polypus.

- sWEET POLYPUS.

Antenna; $\|$ either the greater, with a great, thick, loft, not pellucid bone in the body: or the leffer, which is without fuch a bone, having foal roundish laps on either fide of the body.
2. SCUTTLE FISH.
LESSER CUTTLE.
a long $\|$ pellucid bone refembling a S Sword: or that of Shorter Antenna,
having the triangular flaps nearer the tail, being of a reddish colour. 3. $\left\{\begin{array}{l}\text { SLAVE. } \\ \text { REDDISH SIEVE. }\end{array}\right.$

Sepia.
Sopiola L_ On-
deletion.

Bolitana.
er perfedi; counted Zoophytes, as being betwixt Plants and Animals;
whether fuch as have
More diffinction of parts; $\|$ either that which hath Some refemblance to a Hare: or that which hath rome resemblance to a naked black
Snail, without horns.

## $\left\{\begin{array}{l}\text { SEA HARE. } \\ \text { HOLOTHURIUS. }\end{array}\right.$

Le ß diftindion of parts;
$\left\{\begin{array}{c}\text { Pellucid; being a kind of Felly, roundish at the top, marked with } \\ \text { reddish lines in the form of a Starr, or Rofe, having feveral kinds }\end{array}\right.$ of rays like legs, proceeding from the middle of it. 5. BLUBBER.

Not pellucid; usually flicking to other things ; $\|$ either that which is of various figures, being covered with a bard callows skin, conteining an esculent pulpy jubstance: or that which is of a flefhy confiftence, having no bard skin, being of various Shapes and bigneffer, forme of them tinging the band upon the touch.
6. $\left\{\begin{array}{l}\text { STETHYA. } \\ \text { SEA NETTLE. }\end{array}\right.$

## Of Fib.

ऐ. III. FISH may be diftributed into fuch as are
(Viviparous; and ikinned; whofe figure is either
SOBLONG and roundifh. I.
₹FLAT or thick. II.
Oviparows; whether fuch as do generally belong to
[salt water; to be further diftinguilhed by their
\{Finus os the back; whether fuch, the rays of whofe fiwns are SWboly Soft and flexile. III. ¿Partly Soft, and partly fimow ; having STWO FINNS on the back. IV. そBut ONE FINN. V.
Figure; whether
\{OBLONG. VI.
¿FLAT. VII.
CRUSTACEOUS COVERING. VIII.
Frefb water $;$ being féaly. IX.
${ }^{\text {1. }}$ ROIVIPA. ${ }_{\text {OB }}$ I. VIVIPAROUS OBLONG FISH, may be diltributed intofuch as

LONG FISH.

Diphinere.
Balame. are
Cetaceow ; breeding their young within them, having hamgs and nogills, and but one pair of finns; $\|$ either the greateft of all living Croatures,of which there are feveral fpecies, one without teeth or a tube to caft water, another with teetb and fuch a aube, and another with a large long born: or that other Fifh of a lef magnitide, which is gregariows, often appearing above water. 1. SWHALE.
I. ¿PORPOISE; Dotphin.

Cartilagineous ; faid to batch their young ones within their bellies, whafe moutbs are placed under their nofes; whether fuch as are more Proper to the Sen; having gencrally a double Pewsis, wide moutbs, and five aperswres on each fide inftead of Gills; to be further diftioguifhed by their having [Long fnoxts or promimencies $; \|$ either in the faftion of a Satp : or in the figure of a sword, being without thofe apertures on the fide, common to the reft.
-2. SSAW-FISH.
ZSWORD-FISH.
Rows of very Sharpteeth; $\|$ the Grester: or the Leffer. -3. \{SARKE.
Lips rough like a File, but without teeth; $\|$ the Greater: or the Leffr. 4. $\{$ SPOUND-FISH.

Therns on their backs; \|either jogning to the former part of the Finns: or obliguely crofling the rays of the finn. 5. $\begin{aligned} & \text { THORNBACK LOG. } \\ & \text { HOG-FISH. }\end{aligned}$

The aperture of their mouths, nearer to their nofes then any of the other forts of Dog.fig; and being fpotted; \|either with large black fiots: or with fmalter Jpots.
6. SGREATER DOG-FISH.

14 bead like the head of a craitch, with the eyes at the ends of the
Catulas ma-
jer.
Casulus mí-
caor. tranfverfe, growing to a vaft bignefs : or having a very long fers. der taih
$\left\{\begin{array}{l}\text { SZYGENA. } \\ \text { FOX. }\end{array}\right.$
[Common to fali and frefib water; having gills, but no tetth, their mouths being placed under their nofes; |leither that whofe body is pentagonows, haviag five rows of bonny lamins, not properly falles, four firings hanging before the mouth: or that which is more round.
8. STHURGEON.

そHUSO.
II. VIVIPAROUS CARTILAGINEOUS FISH; whofe bodies are in. MIviPAnot long and round, may be diftributed into fuch as are
Flat and brond, diftinguifhable by fotece peculiarity in their parts, as to ous fisi not lona and round. Length; of the
(spinows having a forpp ferrated tbork ow the tail counted venemous; |leither that whofe fnout is lefor more prominent.
SPASTINACA. ¿aquila.
Nos Spimew ; fleither that whofe back is finooth; or thoring. 2. SFLARE. ¿THORNBACK.
Swout ; being fharp; \|either that whofe body is Joorter in propottion to the breadth: or that whofe body is longer.
3. SRAIA OXYZYNCHOS, Maid.

- ¿sQuatino-raia.

Areadth of the beeds, having a thick Joort teell in the falhion of a Bat-
tledore; \|leither that which hath fivepwrpts foots an the back: or
that which hath one round aperture for each gill, 1 vaft mouth, with
ftringy fubfances on his bead and baok.
4. SCRAMP-FISH.

そSEA-DIVEL.
(situation of the month; which opens at the end of the frow, and not underneath, as the reft of this tribe, having a more oblong body, and. 2 very rough skin, with finny fibfances, flanding out from each fide like mings.
5. SCATE, Amgel-fib.

IThick and fort 5 \|fither that which hath no tail, but refembles the bead of a Fijhcut off, with one tootb in each jans, and one bole for each gill: or that which is of a reddijf colour and ßpinows.
6. $\left\{\begin{array}{l}\text { MOLE. } \\ \text { LLMP }\end{array}\right.$

Paficinace. dquila.

Rain Invio." tain daynsa.
iII. ovipa- III. OVIPAR OUS FISH, whofe back FINNS are wholly foft and ROUS FISH flexile, may be diftinguifhed into fuch as have IFINNE. Tbree fuch foft finns on their backs; namely the Cod-kind, which ufe to be preferved for humane food by falting; either the
ishorter and thicker; whether
(Larger; || either that which hath a kind of beard: or that of a black coloured back.
Molva.
dollus miger.

4finuer anti9xarmms. Afolles molis.
-ASOllus longme. Mcrlucins.

SCOD.FISH, Keeling.

## \{COLE-FISH.

Leffer; $\|$ either that which hath a black Spot on either fide : or that which is of a fofter body, having very fmall Scales, being the leaft of this kind.
SHADDOCK.
2. \{WHITING.

Longer and msore Jender; \|either that whofe flefh when falted, looks yellow, and is more brittle : or that other of near refemblance to this, whofe hisder finn feems to be troo, by reafon of its rifing up higher in the further part, tho it be properly but one.
SLING.
3. $\{$ HAAK, Poor Fohn.

2bymanes.
Pelamis.

Scembres.

Milluss.
firusedo Plimii.

Gobises mariwer.

Twe - Joft flexile finns; either the
[Bigger; whether the
Tunny kind; having very fmall Scales, fcarce difcernable, with feveral pinnula both above and below, befides their finns, being of a Jhining blew on the back, and a filver colowr on the belly and fides; the
(Larger; \|either that which hath no fireaks on the fides: or that $i_{1}$ which hath oblique tranfverfe freaks from bead to tail. 4. $\left\{\begin{array}{l}\text { TUNNY. } \\ \text { PELAMIS. }\end{array}\right.$

Leffers. having oblique tranfuerfe freaks more undulated. 5. MACKEREL.

Flying fif; having large fotted finns like mings, with two longftrong $t h o r n s$ behind the bead : to which may be adjoined for its affinity in flying, that other Fiß, which hath but ose Joft finn on the back, - with large fcales near his tail.
6. SKITE-FISH.
§SWALLOW-FISH.
Leaft kind; diftinguifhable by their having
The lower pair of finns connedied; || latter having a §horter head, and more tumid jaws.
7. SSEA GUDGEON.

2PAGANELLUS.
The rays of the former finn on the back, rifing up much higher then
$〔$ the membrane which connedts them; $\|$ either that whofe former pair of fimns are connelted: or that which hath a bole infeed of gills, whofe eyes ftand more clofe together.
8. \{JOTO.

Little black ßpots in the figure of Lozenges.
9. APHUA GOBITES.
Chap. V. Of Fifo. 135

LOne Soft flexile finn; diftinguifhable by their
[Being of the Herring kind; namely scaly, without teeth, of a bright filer colour on the belly, and a dark Joining colour on the back, prefently dying when taken out of the water, having generally a rom of Sharp prickles under the belly; whether the
\{larger;
(More common; being gregarious, fwimming together in great multitudes; $\|$ the greater : or the lefter.

Le ß common; being fomewhat bigger and flatter then a Herring, with feveral black foots on the fides, coming up into Rivers. ir. SHAD.
1 Lefter; $\|$ either that which is more proper to Salt mater, being long and roundif,having the upper mandible much more produced then the other: or that which lives in Lakes, being of a broader figure then the former.

1. $\left\{\begin{array}{l}\text { ANCHOVY, } \\ \text { CHALCIS, Garda. }\end{array}\right.$

Emrafiflobiv.
Being. of the Horn-fif hind, having a longer fender body and a long Snout; $\|$ either that which is more known and common in Europe, having one finn from the anus to the tail, and another oppofite on the back, the vertebra or backbone being of a green colour: or that which is here lefcommon, belonging to the Wef-Indies, having no finn upon his tail.
13. $\left\{\begin{array}{l}\text { NEEDLE. FISH. } \\ \text { TOBACCO-PIPE-FISH. }\end{array}\right.$
ens:
Patimbuaba.
Having between the eyes two finn-like fubfatices; and but two or three rays in the lower pair of finns, with a row of Small teeth, and a fang at each end; $\|$ either that which hath upon his back-finn a beautiful Spot variegated with rundles; or that whole fine is of an unequal altitude.
$4 .\left\{\begin{array}{l}\text { BLENNUS. } \\ \text { SCORPIOIDFS. }\end{array}\right.$
Wanting the lower pair of finns; $\|$ of a deep figure, Somewhat refembling that of a Turbit: or being of a red colour, with large fcales, a great flat head, freep from the eyes to the flout.
' 15 . SSTROMATEUS, Calliađhys.
15. ¿NOVACULA.

Having Some Sharp teeth; and feveral other round broad teeth in the palate, the tops of which are commonly fold for Toad-ftones.
16. LUPUS MARINUS SCHONFELDII.

Breadth or depth downwards; $\|$ either that which hath two long rays extending beyond the tail, one from the back, the other from the bell f: or that which hath but one long ray, like a Bodkin, proceeding from the fin on the back. Both exotic Fiber, defcribed by Margravius. 17.\{ SARU.
Iv. OVIPA.
IV. OVIPAROUS FISH having two finns on the back, whereof rous fish the former is fpinows and fiffe, and the other foft and flexile, may be dihaving one ftinguifhed into the

NOUS, and the other FLEXILE.

Bigger kind; whole figure is
[shorter; diftinguilhable by their
Having frall fcales; being fquare towards the tail, which is forked: or elfe being of a more deep figure, with the rajs of the fore-finn very low, the former of them pointing towards the head.

1. SAMIA, Leccia Salviani.

そGlálucus.
Having the finns almoft joyned; $\|$ either that with a little fort bedrd under the chin, being undulated obliquely from the back to the belly with blemifs and jellow freaks: or that other of a near re-- femblance to this, only without a beard, and of a more black colour.
2. $\left\{\begin{array}{l}\text { CORACINUS } \\ \text { UMBRA. }\end{array}\right.$

Longer; having a large moutb, with Sarpteeth; \|either that which is Jpotted when young, being very voraciows: or that other of fome relemblance to the former, having large fcales, an obtyfe angled mouth, with fireaks of black and wobite from bead to tail.

Mrugil.

Cuculus. ciirumbo.

Igra frior
Rondeletii.

Mallus major. sualus miner.
\{LUPUS.
Leffer kind; whether fuch as are confiderable for
; Having twoo or three long prominences like fingers before their lomer finns; great bonny beads, large broad finns, called the Gournetkind, to be further diftinguilhed by their

- Colour ; Red, or Grey.
$)_{4}$ SRED GOURNET, Rochet.
$\}^{4}$ \{GREY GOURNET.
Forked fnouts; by reafon of two flat prominencies refembling horns; $\|$ either that of forter: or that of longer horns, the latter of which is covered with large bonny fcales, with eight rows of thorns, the body odlangular, having but two fingers.

5. STUB-FISH, Piper.
6. ¿LYRA ALTERA RONDELETII.

Being of a reddifh colour; with two long prominencies from the lowser jaw, efteemed delicate food; $\|$ either the bigger, whofe fcales are larger and ftick fafter to the skin: or the lefer, whofe fcales are leff, and apt to come off upon a touch.
6. $\left\{\begin{array}{l}\text { TRUE MULLET. } \\ \text { LESSER MULLET. }\end{array}\right.$

The length of their bodies; whether
Having the lower mandible longer then the other, the finns on the back being at a greater diftance: or having the fecond finn on the back very fmall, with a wide mouth like that of a Serpent. 7 . $\left\{\begin{array}{l}\text { SPHYR FANA. } \\ \text { SAURIIS. }\end{array}\right.$

## Chap. V.

IBeing of a flattifl figure; with oblique tranfuerfe jellomils firealks, from the back to the belly, having the ejes very near the mouth: or being more roundifh, fomewhat of the colour and figure of Mackerel, only a row of prickles on each fide make it to appear quadrangular.
8. $\left\{\begin{array}{l}\text { WEAVER, Dragon-fib. } \\ \text { TRACHUR }\end{array}\right.$

Dract.
.
\{TRACHURUS.
Wanting the lower pair of finins; or being of a reddilh colour, without teeth, having the $f_{c}$ ales edged with fhort hairy filaments, which makes it rough to the touch.
9. $\left\{\begin{array}{l}\text { CAPRISCUS }\end{array}\right.$
9. $\{$ APER.

Habing a long fender fnout; with a ftrong movable ferrated thorn; belonging to the former finn on the back, inclining towards the tail with bionny fubfances inftead of the lower finns, the finns on the back being nearer to the tail then in other Fijb: or having a ftrong ferrated horn ftanding upright on the head.
10. $\left\{\begin{array}{l}\text { TRUMPET-FISH. } \\ \text { MONOCEROS CLUSII. }\end{array}\right.$

Having the mouth and eyes reverfed, looking upwards : or having a great bead, very poidegills, and but three rayes in the lower pair of finns, the body being Jpotted.
11. $\left\{\begin{array}{l}\text { URANOSCOPUS. } \\ \text { SCORP FNA }\end{array}\right.$
$11 .\{\operatorname{SCORPENA}$.
Being of a deep figure, without fcales, having on each fide a broad black. Pet, and long briftles rifing up above the rays of the finns.
12. DOREE, st. Peters fih.

Eabor.
T $\quad$ V. OVI
v. ovipa- V. OVIPAROUS FISH having one finn on the back; the rays of cous.FISH which are partly fiffe and pinows, and partly Soft and flexile, may be diof ONE partio ftinguifhed into fuch whofe figure is more
ly STIIF, i Broad; or deep; whether and partly sort.

2urata. tpares.

Exropean;
Bigger ; diftinguifhable by their
COLOURS; whether
Gold colour between the eyes, having round Sharpteeth, and for the moft part a purple ppot near the gills: or that which is of a like figure to the former, but only without this gold colowr, being black about the tail.
I. SGILT-HEAD, Sea-bream.
\{sPARUS.
streaked woith yollow from bead to tail; \| either that whofe freaks are more obscure, being of a fborter body : or that whofeftreaks are more confpicuow, being of a longer body.
$\{$ SCANTHARUS.
\{SALPA.
Streaked woith a dark colour, tranfverfe the back; \|either that whofe fireaks are wore obfcure, being of a foorter broader figure, and having broad flat teeth: or that whofe freaks are more conspicuows, being of a longer body.
3. SSARGUS.

Reddjfo; on the back and fides; || either the greater, having a dark foot on each fide near the bead: or the Lefer, being with out fuch a fpot.
SPAGRUS.
4. \{RUBELLIO.

Being fomewhat more produced in their bodies then the others of this deep kind; \|either that which is black about the tail, having great eyes: or that of a reddif, colowr, with four remarkable teeth in eitber jaw.
5. $\{$ MELANURUS.
5. $\{$ DENTEX.

Having the finn on the back fo low in the middle, that it feems two, with great heads full of prickles, counted venemous; \| either the greater, of a reddifh colowr: on the lefer.

Scorpioss mimer.
6. SGREATER SCORPION-FISH.
6. 2 LESSER SCORPION-FISH.

Leaft of thefe deep fibes, of a dark colour, with large fcales, and lang jtreaks from bead to tail.
7. CHROMIS.

IIndian; defcribed by Margraviws; \|either that of a forked tail, having twoprickles on the cover of each gill: or that which hath broad Spots on either fide.
8. $\left\{\begin{array}{l}\text { JAGURACA. } \\ \text { ACARA. }\end{array}\right.$

Chap. V.
Of Fibb.
Long; diftinguifhable by
[Variety and beauty of colonrs; || either the Greater, of which there are feveral kinds, the moft beautiful of which,is called Pavo, the more dark, Merria: or the Lefer.
. $\{$ SEA-THRUSH.
Turduc:
9. ¿JULIS.

Dark broad freaks; croffing the back; confiderable for having
if Heads variegated with red and blew; \|either the Greater: or the Leffer, having a black fot in the middle of the finn on his back.
10. SEA PERCH.

Porca marima:
\{The lower jaio longer then the upper; \|either that which is without prickles: or that which hath two prickles on the covier of the gills,

1. SPHYYCIS. $^{\text {PCHAL }}$
2. CCHAUNA.

LA broad black $\sqrt{p o t}$ on eitber fde; or very great eyes in proportion to the body.
12. $\left\{\begin{array}{l}\text { MENAS. } \\ \text { BOOPS }\end{array}\right.$
$\mathrm{T}_{\mathrm{M}}$ VI. OVI-
VI. EELFIGURED FISH.
VI. OVIPAROUS FISH OF AN OBLONG FIGURE, being


Serpens masio

Iampetra
major.
wer. with their bodies more then other $\mathrm{Fi} h$, may be diftributed into fuch as are
Europaan ; being either
Preer to Sea-water;
Longer;
Round; whether
More thick; || either that which hath but one pair of froimmeng finns, and two little borns: or that which hath wo Jupimming finns, with four little borns, and a ßarp fnout, the skin variegated with yellom. $\left\{\begin{array}{l}\text { CONGER. }\end{array}\right.$
¿MUR ENA.
More fender; || either that which grows to a very great length, having a woider and longer mouth then an Eel, the finm not reaching the tail, which is round and not flat : or that which hath one coutinued finn as Eeles, with four frimgy prominencies from the lower masidible, lefs round and.long then the former.
2. SEEA SERPENT.
\{OPHIDION PLINII.
Flat; like a Ribbon or Fillet; $\|$ either the bigger of a reddiß colour, having two pair of finns: or the lefler, whofe flefh is tranSparent, and the finn on the belly thrice as deep as that on the back, having but one pair of fins.

3. $\{$ TANIA MINOR.
shorter; \|either that with two finns on the back, with a kind of beard, and inftead of the lower pair of finns, having two long fringy fubfances cleft at the ends: or that which is of a fmaller mag: nitude, having one pair of fwimming finns, with a forked tail, to which the back finn is extended.
4. STINCA MARINA.
4. \{SAND-EELS.

Common to falt and frefb water; having a round aperture for the mouth, with which they fuck their nourifhment, and feven boles on each fide inftead of gills, being Cartilagineous, without fwimming finns'; || either the Greater : or the Leffer.

SLAMPREY.
5. 2LAMPRER.

Proper to frefo water; confiderable for having.
I Iwo pair of finns; \|either that which is the biggest of this tribe, having two very long frings from the upper jaw, and four fhorter from the lower jaws, onely one fmall finn upon the back, and a long one under the belly: or that which is forter and thicker then an Eel, with a fhort beard from his lower mandible, having two finns on the back, the binder finn on the back and that under the belly, not being contiguows to the tail, variegated in the colour.
6. SSHEAT FISH, River whale.

## Chap. V.

1 Indian; defcribed by Imperatus; $V$ either that with two long horns reverfed over the back: or that which hath 2 flatnef on bis bead and part of his back, in wobich there are divers tranfiverfe rimule or chinks.

## 8. SSPADA MARINA. <br> $\{$ REMORA IMPERATI.

VII. PLAIN or flat FISH, being oviparous and bonny, both whofe vir. ovieges are on the fame fide of the flat, and the mouth tranfererfe, fwimming parain broadwife, are either

1. $\{$ COMMON SOLE
2. 2 SPOTTED SOLE.

Leffer; having the mouth on the left fide of the eyes, having bigget fiales.
2. POLE.

## Quadrate;

;Greater; $\|$ either that of a grey marble colour, fpirows, having the eyes on the righe fide: or that which hath the eyes on the left fide, being the biggeft of this Tribe.

Middle kind; being of a dark grey, and full of fmall afperities. 4. BRETT.

LLefer kind; || either that of a Sandy reddifh colour, without fcales or afperities, having the eyes on the left fide: or that which is reddif $\beta_{\text {, }}$ Squamows, and with black Jpots,

[^11]vili.fishes Vili. FISHES OF A HARD CRUSTACEOUS SKIN, may be diOF A Arributed into fuch as are for the figure of them, either
MARD

SKin.
pifcis triandiabariu.
Pifcis triangelaris cormative.
stelle pifcis.
IX. SQA. MOU8 RIVER FISH.
IX. SQUAMOUS RIVER FISH, may be diftributed intofuch as are

Incius.

Saluvo. Violacein.

Trutra.
Carpic.

Thymallus, oxpryebos.
bonny breaft:or that which is encompaffed with very fort bairs,clofe $\{$ :. SORBIS SCUTATUS, Globe-fifh. (fet.
ZORBIS HIRSUTUS.
With thorns; or prickles; \|either freight: or booked.
2. $\{$ ORBIS MURICATUS.
2. $\{$ ORBIS ECHINATUS.

Angular; whether fuch as are more
\{Perfedt ; either
(Triangular; being variegated with angular figures on the body; $\|$ either that which is without horns: or mith horns.
3. STRIANGULAR FISH.

Pentagonal; or of a five angled figure, encompaffed with pentagonal 4. HOLOSTEUS. (boning fcales. Imperfed: for which reafon they are by fome reckoned amongtt Infects, having tubes, with a kind of valve, instead of months; || either that which is more oblong, of an Hexangular figure to the end of the finn on the back, and after quadrangular: or that whofe body is of an Heptamgular figure in the former part, and quadrangular in the hinder part, being (pinows, the head baving foese refemblance to that of a Horfe. SACUS ARISTOTELIS.
5. \{HIPPOCAMPUS.

RADIATE ; in the form of the Rajs of a Starr. 6. STARR-FISH. [bigger; whether (either
[Voracious; whofe fcales are fet together either
i More loofe; being generally bigger, fuch as have on their backs One finn; placed near the tail, with wide mouths, and fiarp long teeth, every other of which is moveable.

1. PIKE, Fack, Pickerel.

Tmo finns; the hindermoft of which is fmall, flefhy and zoithout rays; having generally teeth, which may be ftiled the Trout-kind, comprehending fuch as are.
(Common to frefh and Salt water; $\|$ either the biggeft, of a reddift
fleh: or the leaft, of a white fieh, and violaceous smell.
2. $\left\{\begin{array}{l}\text { SALMON. } \\ \text { SMELT }\end{array}\right.$
roper to frefh water; whether
spotted; the Greater: or the Leffer, living in Lakes.
3. $\left\{\begin{array}{l}\text { TROUT. } \\ \text { CHARR. }\end{array}\right.$

Not $\int$ potted; confiderable for being
[More round; $\|$, her that which is freaked from bead to tail, having the finn on the back bigger and broader then In Trouts : or that having a long fnout.
4. $\{$ GRAYLING.
4. \{UMBER.
Chap. V. Of Fib. 142
\More broad; and comprefed, of a frail mouth, without teeth; .|| the Greater, fomewhat like a Herring: or the Lifer. $\left\{\begin{array}{l}\text { PARA. } \\ \text { LAVARETTUS }\end{array}\right.$
Nitre clofe; and compact; being generally leffcales in proportion then the others, having a wide month, without teeth, but asperities analogown to teeth, comprehending the Perch-kind, of which in fundryCountries's there are feveral varieties, diftinguilhable by their bigneß or littlene $\beta$, thickneßor תenderne $\beta$. But the two principal kinds to which the others may be reduced, are||tither fuch as have troofinn's on the back. the firft fpinows, and the other oft, with tranfverle black freaks on the fade, being commonly the bigger: or but one finn, which is partly spinous, and partly /oft, being of a yellowish colour, and commonly 6. $\left\{\begin{array}{l}\text { PERCH. } \\ \text { RUFF. }\end{array}\right.$
(lifer. Merca, Perch axrata,
Not voracious; comprehending the Carp-kind, u ch have one finn on the back, wo teeth in their mouth but only in the orifice of their $J$ tomacke, o ver which teeth there is a kind of ftone or bone, for the molt part of a triangular figure, by affliction againft which, they grind their food; ${ }^{1}$ Bigger; comprehending foch as delight more in (whether the

Standing potters; \|either that whole files are larger, and more loofe, the first ray of the finn being strong and ferrate, having four - fringy prominencies from the upper lip: or that whole fcales are le j $\{$ and more compact, being very limy, of a preenif colour, the lower pair of finns in the male being more thick and flefhy.
cypriancé
since. Running taters; whether foch as are more
(Thick and round; $\|$ either that which hath four firing y prominencries refembling a beard: or that which hath a great head.
8. SBARBLE, E, Cbévin.
Barbusse:
Eapise.

Enraged and deep; \|either the moft broad: or that which is le broad, having commonly red eyes and finns.

## 9. $\left\{\begin{array}{l}\text { BREAM. } \\ \text { ROCHE: }\end{array}\right.$ <br> itramisa <br> derbalio.

LIefer; floating ufually towards the top of the water; || either that which is more thick, of Come refemblance to a little chub: or that 10. $\left\{\begin{array}{l}\text { DARE, Dace. } \\ \text { BLEAK, Elea. }\end{array} \quad\right.$ (which is more compreffed and thin, imijsmo.

Leapt kind of River Fifes; whether fuck as live mote towards the
[Lower parts of the water; near the ground; either fuch as have on the back
$\int$ One finn; with a kind of beard on the mouth; $\|$ the greater: or the lefter. $\left\{\begin{array}{l}1 .\{G U D G E O N . \\ \text { LOACH, Groundling. }\end{array}\right.$

Gobio.
Gobies Bar.
batriss Two finns; with a large broad bead.
12. BULL-HEAD, Nillers-Thamb, Gull.
[Upper parts of the water; or near banks; \| either that which hath but ${ }^{\text {own }}$
one finn on the back, being froth: or that which hath timon finns, being prickly, having threeffrong prickles on either fides, and a kind of


## Of Birds.

i I V. BIRDS may be diffinguifhed by their ufual place of living, their food, bignefs, fhape, ufe and other qualities, into
Terreftrial; living chiefly on dry land; whether
CARNIVOROUS ; feeding chiefly on Flefb. I.
PHYTIVOROUS; feeding on Vegetables; whether
SOf flort round wings; lefs fit for flight. II.
Zof long woings; and fwifter flight; having their Bills; either more
SONG AND SLENDER; comprehending the Pidgeon and Thrufh-kind. 111.
ZSHORT AND THICK; comprehending the Bunting and Spar-row-kind. IV.
Infedivorous; feeding chiefly on Infects; (tho feveral of them do likewife fometimes feed on seeds) having fender freight bills to thruft into holes, for the pecking out of Infects ; whether the SGREATER KIND. V. そLEAST KIND. VI.
Aquatic; living either
\{About and NEAR WATERY PLACES. VII.
\{In waters; whether
SFISSIPEDES; having the toes of their feet divided. VIII, \{PALMIPEDES; having the toes of their feet united by a mem. branc. IX.
I. CARNI-
Forous BIRDS.
I. CARNIVOROUS BIRDS, may be diftinguifhed into fuch as are either
RRapaciowr ; living upon the prey of other Animals, having booked beaks and talons,amongtt which the females are generally more large ftrong and fierce.
Dinrnal; preying in the day time.
\{The bigger and ftronger kind; noted either for quick Sight, or Sent; the latter of which is by Gefner diftinguifhed from the former, that the beak of it, doth not grow crooked immediately from the root, but only at the end or tip of it.

¡The middle kind; being either made ufe of and trained up by naem for the catching of other Birds, of which there are great varieties, diftinguifhable by their manner of flight, bigneß, fhape, the Birds they prey upon, \&ic. or fuch others as are of near affinity to thefe, but not commonly ufed to this purpofe.
SHAWK.
Lecipiter. 2Tilions. $\left\{\begin{array}{l}\text { KITE, Buzzard, Glede, }\end{array}\right.$
!The leaft kind; the former having promirient noftrils, being well known by his voice: the other with a proceffies on the ourt $f i d e$ of ${ }^{\text {s }}$ the upper mandible.

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. \{CUCKOO. BUTCHER BIRD.
Cucalús.
Lanius:
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Nocturinal; preying in the inght, having broad faces, and great eyes; $\|$ of which, fome have tufts of feathers ftanding out like long ears, or borns : others being without juch tufts.

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SOWL HORNED.
4. ¿OWL NOT HORNED.
Bribo cormù-
tins.
Semizrapacious; feeding commonly either on Carrion, or other things, \(\begin{aligned} & \text { Bubo non cor- } \\ & \text { mus. }\end{aligned}\)
``` and more feldome on living Animals.
'The Crowo-kind; having a bill fomewhat large and ftrait; \|lamongft which, thofe that are moft common with us, are of a deep black colour, in their bodies
The bigger kind; Greater: or Leß.
\(\left\{5 .\left\{\begin{array}{l}\text { RAVEN. } \\ \text { CROW. }\end{array}\right.\right.\)
Conexis.
Corwix:
Tihe leffer kind; having a mixture of dark bromn with black: or be-
ing wholly black on the body, with red bill and legs.
6. SDAW.
6. \(\{\mathrm{CHOUIGH}\).

Monedsela.
Coracius.
The Parret-hind; of booked'ills, having two toes before, and two bebind, confiderable for the variety of beautiful colowrs, and the inisitation of fpeech; \(\|\) the Greater: or the Lefs.
7. \{PARRET.
The Py-kind; of a chattering voice, having many notes; i| either pyed

Pfittacis.
\(\boldsymbol{P}\) fitsecus mi-
nur. with black and robite, with a long train: or baving fome of the finaller feathers on each wing, variegated with blew anil black.
8. \{ MAGPY, Py.

The Woodpecker-kind; climbing upon trees and soalls, in order to
Pica candasa. Picaglandi-
which they are furnihhed with frong feathers in their train, to fup-
port them in climbing and pecking; || of which there are various
Jecies, reducible to thefe two kinds; fuch as have a very lomg
tongne, with tro clams behind and two before: or fuch as have Jhorter
tongues, and but one toe bebind.
9. \(\left\{\begin{array}{l}\text { WOODPECKER OF LONG TONGUES. } \\ \text { WOODPECKER OF SHORTER TONGUES. }\end{array}\right.\)

That kind of Eagle, which is
Of a dark yellow colour, having legs feathered down] [Chryfactos. to the foot
Black all over, excepting a white,fpot between the \(\stackrel{\Omega}{2}\) Shoulders on the back.
With a ring of white on his tail.
opes.
Feeding on Fifth.
Melanaetios.
\(\left\{\begin{array}{l}\text { Pygargus. } \\ \text { offifragus. }\end{array}\right.\)
That kind of Vulture noted for
Percuppteros.
Vultur BettiGus. Ald.
Vulvar aureus.
Having his bead and part of neck bare of feathers) (Bal dVulture.
Being of a chefnut colour, and feathered down to © Cbefnut colonthe toes.
Being of a ycllomif colour, very great, having rome \(\left\{\begin{array}{l}\text { R. } \\ \text { Golden Vulture. }\end{array}\right.\) of the feathers of the ping, three foot long.
Hawks are ufually diftinguifhed into Such are
short winged; having their wings confiderably fhorter then their trains; of which there are ufually reckoned three kinds.
Accipiter Pa-
lmmbarius.
escripiter fris.
gillarius.
 The bigger of this kind \()_{\text {(Fem. Gofanok, Male Parcel. }}\) The lelifer of this kind ; either ha- \(\xlongequal[\mathscr{E}]{\mathscr{E}}\)

Long winged; having their wings equal to, if not longer then their trains, of which there are ufually reckoned the fe fix kinds, noted for
Forfalco: A wobitifa colour, but Spotted on the \({ }^{-1}\) - F,Gerfalicon, M. Jerkin. back with black foots.

Falcon mons a-
ens.
Fake
Having a faftigiated or riling bead, being of an afb colour.
A thick bead and flat, a fort neck, and ftriking with the breaff.
Lacharims.
Subbutes. Having a blempifb bill and legs. Having a white Spot behind bis eyes on each ide.
. \(A\) fallow. Being the leafs of all Hawks.

Mountain Falcon.
<compat>ᄋ<compat>ᅳ<compat>ᄅ F. Falcon; M. Parcel.
F. Lanner, M. Lanneret. Hobby. .
F. Merlin, M. Jack-Merlin.

Kites may be diftinguifhed into fuck as are noted for
Miles.
Euro Trier-
chis.

\section*{Amataria.}

Pygargus mi-
mir.

Having a very forked Train. \(\quad\) (Common Kite. Being or feeming bald on the bead, having a © Common Buzzard. round train, feeding on young Rabbets. Feeding on Fijh.
Being of a white or afb colour, with a white) Ringtail. freak on the Train.
Laius or Butcher bird, is of three feveral kinds, noted either for being Of a reddifh colour on the back, the molt? [Lanius vulgaris. common fomewhat bigger then a sparrom.
Particoloured, of the fame bigness with the former.
A/b-coloured, about the bignefs of a Blackbird.

Laniws cinereus major.
cols horned are of three kinds, namely fuch as are noted for being
Of the bigness of an Eagle, feathered down te the toes. . \(\ \mathbb{O}\) Bubo. Of the bigness of a tame Dove.
 Of the bigness of a Mifsle bird, with a ingle feather \(\}\) : cops. on each tide for 2 horn.

Owls not horned, are of five kinds, namely fuch as are noted for
Having a border of feathers about the fare, Our common white aluco. the legs featbered and toes bairy, about the bignefs of a Pidgeon.
Having a ring of white feathers about each eye,a white bill, hairy legs and feet.
Being of a darker colour, living in Ivy-bufhes.
Being like a Cuckoo, having a fort fmall bill, but a woide month.
Being the leaft of all, not bigger then a Black-bird.

Owol, living in Barns.
Vimla illiro. vandi.
Our comanon.field Owl. strix ilitro. Goat-fucker. vamdi.
enprimilgus. Noctua.

Crbiss are ufually diftinguifhed into three kinds, namely that which is
\(\left\{\begin{array}{l}\text { Carnivorous. } \\ \text { Frugivorous, of a black colour ; gregarious, building } \\ \text { their nefts together. } \\ \text { Frugivorous, party coloured ; black and cinereous. }\end{array}\right\} \stackrel{2}{2} \begin{cases}\text { Crow. } & \text { cormix frugif. } \\ \text { Rook. } & \\ \text { Roiffon Crow. cormist cibuts }\end{cases}\)
To the Pr-kind, thofe other birds may be reduced which are noted for having
The woings and bead of a bright axure.
A dark colour fpotted with white.
A tuft of feathers on his bead.
A bill bigger then his wobole body.
A large bill, with a kind of bors reverfed upon the bill.
Two long ftrings like the frall naked
> [Roller Argentoratemfis. Caryocataftes. Garrulus Bobenicus. Toncan. Rbineceros.

Bird of Paradife. Aidmurciliatio. ftemm of a feather reaching from the back beyond the train; and Arong legs and clams.
Thefe three laft exotic Birds are not perhaps fo proper to this tribe, but I know not at prefent how to reduce them better.

To the firft fort of the Woodpecker-kind, thofe Birds may be reduced which are noted for
1Being Greater; of a
\(\left\{\begin{array}{l}\text { Being Greenifh colour, and a black } \Omega \text { ot on the bead of } \\ \text { the male. } \\ \text { Black colour, excepting a red } \text { Spot upon the bead } \\ \text { of the Cock: }\end{array}\right.\) Being of a leffir magnitude, about the bigneß of a Black-bird, variegated with black and wbite, with a red Spot on the bead of the Cock.
Holding the bead on one fide, fomewhat bigger then a sparrom, of a brownifh colour.


To the fecond fort of the Woodpecker- kind, thofe other Birds may be reduced, which are noted for

An \(A / b\) colour, being about the bignefs of a? sparrow.
A long flender bill, being about the bignefs of a sparrow.
A long Jender bill, being a little bigger then a Wren.
Being about the fame colour and bignefs as a Lark, and noted for climbing upon Reeds. A greenifh colour, and lefs.
\begin{tabular}{|c|c|}
\hline Nuthatch. & Sinta, \\
\hline Wall-creeper. & \begin{tabular}{l}
Pises mivrath \\
wo
\end{tabular} \\
\hline Ox-eye-creeper, & catias: \\
\hline Reed-sparrow. & Fancs: \\
\hline \begin{tabular}{l}
Leffer Reed-spa \\
II. P
\end{tabular} & \\
\hline
\end{tabular}
II. PHYTI. VOROUS EIRDS OF SHORT WINGS.
II. PHYTIVOROUS BIRDS OF SHORT WINGS, lefis fit for
flight; may be diftinguifhed into fuch as are
F Flying ; fuch as can bear up their bodies (tho with fome difficulty) by the motion of their wings, for fome confiderable time and facee; having generally Jhorter bills, being pulveratricious, of whitifh fleih, moft proper for food, having gizzards(i.e.) fromg muf culows fomacks, laying many Eggs, called the Poultry.kind.
f Domeftic;
\(\{\) The moft common; having the train compreffed upwards.
Leß COCK, Hen, Capon, Cbicken, Pullet, Poultry.
Lecommon; having an elegant train, which is fometimes turned up and fread, and \(\beta\) purs on the legs \(; \|\) either that whofe colours are more elegant and beautiful, having a tuft on the bead: or that which is leß beautiful.
2. \(\{\) PEACOCK.
urild; either the
Pavo.
Gallo-pavo.
[Bicger kind;
[Living chiefly in woods; the former being diftinguifhable by baving a long train moberein the featbers do gradnally increafe towards the middle: the other, by being feathered on the legs.
Phafiameso. 3. \(\left\{\begin{array}{l}\text { PHEASANT. } \\ \text { ATTAGEN }\end{array}\right.\)

Living in open fields; having no beel or back.claw; \|either the greater, being about the bignefs of a Turky: or the le \(\beta\), being about the bignels of a Pheafant.
Oix.-
4. \(\left\{\begin{array}{l}\text { BUSTARD. } \\ \text { ANAS CAMPESTRIS BELLONII. }\end{array}\right.\)

Being ferrate on each fide of the clams, and hairy to the toes; \(\|\) either the bigger, feeding ufually on fine leaves: or the leß,feeding onHeath, of a black colour, the feathers of the train reverfed fidewayes.
Vrogallew.
Tetrao.
5. SCOCK OF THE WOOD.

Middle kind; of a Jort train, to be further diftinguilhed by their (Reddifh Breafts; with the figure of a Horfoeoe: or having a red bill
Perdis.
Perdix ratsat.
\(\left\{\right.\) 6. \(\left\{\begin{array}{l}\text { PARTRIDGE. } \\ \text { RED PARTRIDGE. }\end{array}\right.\)
(and legs.
(Hairy legs; |l either that which hath a black fpot under the bill: or that which is wholly mbite excepting fome black ow the train, being hairy to the very nails or clams, living on the Alps.
Gativa totylo lorems.

Cotrurnix. Rathor.
7. \(\left\{\begin{array}{l}\text { HAZLE HEN } \\ \text { LAGOPUS. }\end{array}\right.\)

Lcaft poultry-kind; \(\|\) either that which hath a fhort train, a finall back toe: or that which is of a deep body comprefjed apwards, baving longer legs, with a bill more like a Water-hen.
8. \(\left\{\begin{array}{l}\text { QUAILE. } \\ \text { RAILE. }\end{array}\right.\)

Not flying; being the biggeft of all Birds; the one baving only tro, and the ot her three clapps.
Strathio-ca-
melus.
Emes.
9. SESTRICH.
9. \(\{\) CASSAWARE; Emew.
III. PHY-
in. PHYTIVOROUS BIRDS OF LONG WINGS, and fwitier in. pay. flight, having their bills more Pong and Ilender, may be diftinguifhed into \(\begin{gathered}\text { TIVOROUS } \\ \text { BIRSS } \\ \text { OF }\end{gathered}\) Pidgeon-kind; laying but two Eggs. The
-Bigger; whether the moff common and domesfic, of great variety of wings.
colours, living in bouffes: or that which lives in mooods, of an afh co-
lour, having a ring of wobite about the neck
1. \(\begin{aligned} & \text { PILGGEON, Dove. } \\ & \text { RING-DOVE, } \mathscr{A} \text { wecf. }\end{aligned}\)

Lefer; \(\|\) either that which hath a reddifh breaft: or that which is generally marked on each fide of the neck with azure and black, except fome that are wholly white, being the leall of this kind.

\section*{STOCK-DOVE. \\ 2. ¿TURTLE.}
columba.
Palambies torquatus.


\author{
Oenas, Visago. Turtar.
}

Thrufh-kind; of a leffer magnitude then Pidgeons, and longer trains in proportion to their wings, laying anore Eggs then trpo, being generally bacciI speckled on the breaft;
(vorows.
[Cameress; confiderable for having the bill
(Mare rownd; being of a dunnifh green on the back, feeding on
Mijsle berries; || the Greater: or the Leffer.
SMISSLE-BIRD, shreight.
3. \{ MHRUSH, Throfte, Mavis, song-Thru/h.

More flat \(;\) fpotted either with whitifh, or reddifh Jpots: the latter of which hath likewife a reddifh tail
SSTARE, starling.
-4. \{MERULA SAXATILIS, Ruticilla major.
[ Not Canorous; being Birds of Paffage, coming only in Winter; the Greater: or the Lefler.
5. \(\left\{\begin{array}{l}\text { FELDEFARE: } \\ \text { REDWING, swinepipe. }\end{array}\right.\)

Not fpeckled on the breaft;

Turdus pian
\(r i\)
Turdees vifigi
verus.
vorws. ExTlus.

Stwruess,

Turdasilic.
cess.

Leßbeautiful for their colours;
©Canorous; || either that which is more black, with yellow bills and legs: or leß. black, having fome dark fining blem on the back, being fomewhat waved on the breaft.
6. \(\left\{\begin{array}{l}\text { BLACK BIRD. } \\ \text { PASSER SOLITARIUS. }\end{array}\right.\)

Not canorous; \|either that which hath on the breaft an Area of wobite: or that which is of an afh colour.
7. SMERULA TORQUATA.
7. ¿MERULA MONTANA.
[More beautiful for their colours;
The Greater; \(\|\) either that which hath a reddijb bill, the moings and train black, the reft of the body bright yellow: or that which hath a long black bill, a long creff offeathers upon the bead, tipped with black, with tranfiverfe ftreaks of black and white upon the 8. \(\left\{\begin{array}{l}\text { GALBULLA. } \\ \text { HOOP }\end{array}\right.\)
(wings.
The Leffer ; having the three foremoft toes joyned together to the firft joynt, without any membrane, the outmoft and middle toe, to the fecond joynt; Ueither the bigger, having a Bill fomewhat crooked: siafor, sai 9. \(\begin{aligned} & \text { BEE-EATER. (the lefer, having a frait ftrong bill. ioss. } \\ & \text { KING-FISHER, Alcyon. } \\ & \text { V. PEYY- }\end{aligned}\)

150
17. PHYTIvorous BIRDS OF shORT
THICK
BILLS.
Emberiza alba
Grfari Alanda tom-
gener.
Counchryamas
Bolloni!.
Citrinella
Hortulanms.
afor.
Paffer mos. tanw.
IV. PHYTIVOROUS BIRDS OF SHORT, THICK, ftrong BILLS, being generally Granivorous,may be diftingtiifhed into fuch as do belong either to the
i Bunting.kind; having a bard knob in the pallate of the mouth.
The bigger; being Canorows.
\(\{\) I. BUNTING.
2The Leffer ; not efteemed for finging; \|either that of a yellowifh body: or that which is yellow about the throat.
2. SYELLOW-HAMMER.
¿HORTULANE.
sparron-kind; without fuch a knob in the mouth.
'Not canorous;
(The more coumon and leffer kind; living either about houfes: or ins mountains, having a reddiß bead.
SSPARROW:
3. MOUINTAIN SPARROW.

The le \(\beta\) common and greater kind; with a bigger ftronger bill then the other, to break the fienes of fruits for their kernels; \|either that without a creff: or that with owe. SCOCOTHRAUSTES. 4. \{ COCOTHRAUSTES CRISTATUS INDICUS.

\section*{Camorous;}

Bigger; \(\|\) either that with a great bead and a red breaft: or that with a croßbill, the upper and lower part croffing each other towards the niiddle, faid to fing in Winter
Rabicilla.
Loxia.
(bloris.
Paffercama-
rims.

Fringilla, Monte-frimgilla.

Linaria.
Limaria rabra.
5. \(\left\{\begin{array}{l}\text { BULL-FINCH, Alpe, Nope. } \\ \text { SHELL-APPLE, Craß-bill. }\end{array}\right.\)

Leffer; confiderable for their different colours; being either Greenifh; the Bigger: or Leffer.
6. \(\left\{\begin{array}{l}\text { GREENFINCH. } \\ \text { CANARY }\end{array}\right.\) Brownifh;
(The Bigger; \|either that whofe breaft is of a dilutered: or that which is variegated with black on the bead.
which is variegated
SCHAFFINCH.
7. BRRAMBLE, Brambling.
(The Lefjer; not red about the bill: or red about the bill.
8. \(\left\{\begin{array}{l}\text { LINNET. } \\ \text { RED LINNET. }\end{array}\right.\)
Chap. V. Of Birds. \(15^{1}\)
V. INSECTIVOROUS the GREATER, may be diftinguilled in- vinsectrto fuch as are of
[Swifter flight; comprehending the Swallow-kinds of long wings, forked trains, fhort logs, being much upon the wing, Birds of pafage, coming in Summer.
The greater, building in Chymneys, variegated with black and white, having a red Jpot on the breaft: or building in Churches, of a blackifh colour, very foort feet, the biggeft of this kind.

The leffer; building about bouffes, of a wobite rump, and fecthered down to the toes: or building in banks, with a broad fpot on the breaff.
2. \(\left\{\begin{array}{l}\text { MARTIN. } \\ \text { SAND-MARTIN, }\end{array}\right.\) sbore-bird.

Martes.
Hirwado ripe ria.
slover fight;
CCamorewt ; confiderable for
[Singing in the night; being of a dark reddifs colour.
3. NIGHTINGALE.

Luscieria.
Having a long heel; the greater: or the lej, living in watery places.

Having a red breaft; or a red train. 5. SROBIN REDBREAST, Ruddock.
anbecrala.
2enticilla.
Not Canorous; confiderable for
[The delicacy and fatnels of their flefh; |l living either amoingt Figs, of which there are feveral varieties, the moft common and belt known, being from his black bead called Atricapilla : orliving is boles of the ground, and having a wobite rump. 3. \(\left\{\begin{array}{l}\text { BECCAFIGO. } \\ \text { WHEAT-EAR. }\end{array}\right.\)

Frecilula,
orimathe.
Having a long train, and frequently moving it ; \| either the more common one, which is black and wobite: or that which is lef common, of a yellow colour. 7. SWAGTAIL. Living; \(\|\) either upon fong places or open Heaths: or that which
creeps in hedges, having the back like that of a common Sparrow, the breaft of a Lead colour, with a black bill. .
4. \(\left\{\begin{array}{l}\text { STONE SMICH. } \\ \text { HEDGE SPARROW. }\end{array}\right.\)

Mofcicape
tortia didr
vandi:
Garricta.

VII. AQUA-
VII. AQUATIC BIRDS living about and NEAR WET PLACES, viI. AQUA-
having longer legs, and long fender bills for their more convenient going and fetching up their food in fuch places, may be difinzuinhed iato
The Piover-kind; whofe bills are about one inch and a quarter long.
iThe bigger; having
SAtuft on the bead; being in the body and wings of a dark and mopite colour.
I. LAPWING, Puet.

Vaneluu.
No tuft; \(\|\) either that of a greenifh colour, manting a back claw: or that of a grey colour with a very fmall back clans.
SGREEN PLOVER.
ZGREY PLOVER.
-The lefer; being without awy back clam: \|either that of a greyif coloir, caught by imitation: or that which hath a black fillet about. the eyes, and a forked train.

\author{
3. \(\{\) DOTTEREL. \\ 3. 2 SEA LARK.
}

The Redflank kind; whole bills are about two inches long.
The bieger; confiderable for
(Having a red bill änd legs: or for having a kind of ruffe about the
neck of the males, of great variety of colours, being pugnacious.
SREDSHANK.
4. \{RUFFE.
(Being mixed of black and wobite; \| whether the greater, having tranfverfe freaks of black and white on the train:- or the lefer, having only the exterior feathers of the train white.

\section*{5. \(\left\{\begin{array}{l}\text { TRINGA MAJOR. } \\ \text { TRINGA MINOR. }\end{array}\right.\)}

The leffer; having mbite bellies; \|either that whofe back is grey: or that of a dark brown colour.
6. \(\left\{\begin{array}{l}\text { KNOT: } \\ \text { STINT: }\end{array}\right.\)

The Woodcock-kind; whofe bills are about three inches long; whether having
[strait bills;
[Frequenting frefh waters; of a fulvous colour potted; \(\|\) thegreatet: or the le \(\beta\); the male of which latter is much le \(\beta\), and of a fhorter bill then the female.
7. \(\left\{\begin{array}{l}\text { WOODCOCK. } \\ \text { SNIPE. } \\ \text { Frequenting fali woaters; Heither that of a black and nohite colour, }\end{array}\right.\)

Scolopacs:
Galtimato Hamatopua.
Avís pugnax.
Morinellas.
Charadrios.
Pluvialis viri-
dis.
Pluvialis ci-
мстеа.
living
NEAR
\(\underset{\text { WEAR PLA. }}{\text { NEAR }}\)
CES.
\(\qquad\)
viri. AQua- VIII. AQUATIC BIRDS, livin, much in the water, being FISSITIC FISSI- PEDES, \(\|\) may be diftinguifhed into fuch as are,
PEDES.

Girus.
Ciconia.

Arden.

Ardea albs
major.
Arden alba
misser.

Ardea Rellaris. Ardea Bra\%:-
lica.
Platen.

Colymbus ma:
jor.
Codymbus mi-
ner.

Sulica.

Galinala.
long necks and legs, long and frong bills; whether
isharppeisted bills; either fuch whofe necks are
Longer; confiderable for
[Bui'ding in Fenny places; being hairy on the bead, having the mindpipe reverfed in the form of the Letter \(\boldsymbol{s}\), and being Herbivorous: or building on Houfes and Chymnegs, of a black and wobite colour, with red legs and bill,, making a neife by the collifion of the beak. being Pifcivorous.
1. SCRANE.
. STORK.
Having a thicker bill; fomewhat crooked and fhorter then the others of this tribe, with fcarlet coloured mings; or having a tuft of briftles on the bead.
2. \(\{\) PHANNICOPTER.
2. \(\{\) GRLIS BALEARICA.

Bcing of an afb colour, having a tuft of feathers ftanding out bebind the head, building on trees; being Pifcivorows, with one blind gut; \(\|\) either the greater: or the leffer.
SHEARN.
3. \(\{\) ARDEA CINEREA MINOR.
bising of a white colour; in other refpects like the former; the greater: or the leffer.
4. \(\left\{\begin{array}{l}\text { GREATER WHITE HEARN. }\end{array}\right.\)
4. \{LESSER WHITE HEARN.
|shorter neck; || either that which is fulvous and Spotted, being Pifcivorous, having one blind gut : or that which is mbite with 2 red bill. SBITTOUR.
5. \{BRASILEAN BITTOUR.

Broad and round pointed bill; like a Spoon, Picivorons, of a mbite colowr. 6. SHOVELAR, spoon-bill.

Smimming; either
The Diving-kind; being much under water, and finn-footed, viz. with a membrane ftanding off on each fide of the toes,having dospny feathers, and wanting a traim; \|either the greater, having a longer bill: or the leffer, having a foorter bill. SGREAT DIDAPPER, Dabchick.
7. \{LITTLE DIDAPPER.

The Mere-ben-kind; whofe bodies are fomewhat compreffed fidewayes; whether
Finn-footed; having a membrave of scollopt edges on each fide of the toes, a bald bead, being of a black colowr. 8. COOT.
(Not finn-footod; || either the greater, which hath a little red baldmeß: or the lefler, having a long red bill.
IX. AQUATIC PALMIPEDE Birds,whofe toes are joyned together IX. AQUAwith a membrane, may be diftinguiihed into fuch whofe bills are either
[Flat and blunt; being Herbivorouis.
\{Thegreater; || either the biggeft of a white colowr, having black legs: or the lefler, the males of which are commonly wobite.
SSWAN, Cygnet.
\{GOOSE, Gander, Gojling.
cysmo.

The middle kind; \(\|\) either the bigger, of a beautiful colour, the head of a dark green, the body mobite, with large fpots of orange colowr: or the leffer, having reddifh legs.
SSHELDRAKE.
2. \{DRAKE, Duck.
[The leaft kind; || either the bigger, having the bill and legs of a lead colour: or the leffer, being from the eyes to the hinder part of the bead of a greenifh colour.

\author{
. \(\{\) WIDGIN.
}
sharp; being generally Pifcivorous.
The solan goofe kind; having the four tocs joyned together; |l whether
(Wbite; \(\|\) either that which hath a long bill, booked at the ent, laying
but owe Egg: or having a great bag mader the bill.
SSOLAN-GOOSE.
\(4 \cdot\{\) PELLICAN.
Black; the greater, ufed for catching of Fibl: or the leffer.
5. \(\left\{\begin{array}{l}\text { CORMO } \\ \text { SHAGG. }\end{array}\right.\)

The Puffin. kind; frequenting defart Ifands, manting a pofica, going upright, laying but owe Egs; whether fuch as build their nefts
Within the ground; in holes; \(\|\) either that which is wore commons in Europe, having the tap of the bead, the back, wings and train of a black colowr, the reft wobite, the bill fomewhat compreffed upwards, fhort, of a triangular figure, and red at the point : to which may be adjoyned that American Bird, of a like ihape to this; but bigger.

\section*{lime artive \\ Clufit} Panguivo. || either that with a comprefled black bill, booked as the end, having a mbite lime on eitber fode: or that of a longer bill, lef Sarp, not booked.

\section*{SRAZOR-BILE. \\ 7. \{GUILLAM.}

The Diving-kind; being much under water, having rownd ferrate bills, booked at the end; \|either that which is variegated moith black and white: or that which is of a cinereous colour on the back, with a red head, and a tuft upoin it.

2angus.
reverse cinvé:
sens.
The Gull kind, being mach apon the ming \(\approx\) Swallowos, commonly of an afb colour; \(\|\) either the bigger : of the leffer, having red bill and legs, with a forked train.
9. \(\left\{\begin{array}{l}\text { GULL, Sea-mex. } \\ \text { SEA SWALLOW, scraj. }\end{array}\right.\)

X

Befides the common fort of Swans, there is a wild kind, called Hooper, having the mind-pipe going down to the bottom of the breaff-bone, and then reverfed upwards in the figure of the Letter \(\mathcal{S}\).

Befides the common Goofe, there are feveral forts of miid ones, whereof one is black from the breaft to the middle of the belly, called Brant Goof \(e_{x}\) Bernicla, or Brenta.
To the Uidgeon-kind may be reduced that other forol, about the fame bignefs, the two middle feathers of whofe train do extend to a great length, called Sea-Pbeafant, Anas cauda acuta.

To the Teal-kind thould be reduced that other fowl, of the like fhape and bignefs, but being white where the other is green, called Gargane.

To the Gull-kind, doth belong that other Bird, of a long Alender bill bending upwards, called Avogetta reckrvi roftra.

\section*{Of Beafts.}
Q. V. REASTS, may be diftinguifhed by their feveral fhapes, properties, ufes, food, their tamenefs or wildnefs, drc. into fuch as are either Viviparous; producing living young.

SWHOLE FOOTED, the foles of whofe feet are undivided, being
\(\{\) ufed chiefly for Carriage. I.
\{CLOVEN FOOTED. II.
(clawed, or multifidous; the end of whole feet is branched out into toes; whether
SNOT RAPACIOUS. III.
\(\{\) RAPACIOUS; living upon the prey of other Animals; having generally fix Short pointed incifores, or cutting teeth, and twoo long fanes to hold their prey; whether the SCAT-KIND; having a roundiff bead., IV. ¿DOG-KIND; whole beads are more oblong. V. loviParous; breeding Eggs. VI.
I. WHOLE FOOTED BEASTS, may be diftinguifhed into fuch as

FOOTED
BEASTS.

Equm.

Afines.
surlus.
[ Solid bard hoofs; confiderable for
(are either of
S \(S\) wiftne \(\beta\) and comeline \(\beta\); being \(u f\) fod for riding.
1. HORSE, Mare, Gelding, Nag, Palfrey, Steed, Courfer, Gennet, stallion, Colt, Fole, Filly, Neigh, Groom, oftler.
(slowneß and \(f\) trengtb in bearing burdens; having long ears; \| either the more fimple kind : or that mungrel generation begotten on a

Lev.if.4.26.

Cumelsus.
2. \(\left\{\begin{array}{l}\text { ASSE, Bray. } \\ \text { MULE. }\end{array}\right.\)
(Mare.
softer feet; having fome refemblance to the
(Cloven footed kind; by reafon of the upper part of the boof being divided, being ruminant, having a long fender neck, with one or two bunches on the back. 3. CAMEL, Dromedary.

Mrultifidous kind; having little prominencies at the end of the feet, reprefenting toes, being of the greateft magnitude amongft all other beafts, ufed for the carriage and draught of great weights, and more particularly efteemed for the tusks.
4. ELEPHANT, Ivory.
II. CLOVEN
II. CLOVEN FOOTED BEASTS, may be diftributed into fuch as in. CLoven
-Horned and Rnminant; having two horns.
(are footed
[Hollows ; not branched nor deciduons, being common both to the males
and femakes, ufeful to swew both living and dead; whether the
SBigger: being ufeful both by their labour and flefh;
1. KINE, Bull, Cow, Ox, Culf, Heifer, Bullock, Steer, Beef, Veal, Bos. Runt, bellow, lows, Heard, Cowbeard.
Leffer; being ufeful either in refpect of the Fleece and Flefh: or Hair and Flefl.
2. \(\{\) SHEEP, Ram, Eme, Lamb,Weather, Mutton, Bleat, Fold,Flock, ovis.
2. \(\{\) GOAT, Kid.
solid; branched, deciduous, being proper only to the males; whether the
i Bigger kind; || either that of the bigheft fature, having horns without brow-antlers, of a fort ftemm, and then'fpreading out into breadth, branched at the edges: or that of a lower fiature, having round, long, branched borns.
3. SELKE. Hart, Hind, Red Deer, Venifon. Alcis.

Middle kind; whofe horns become broad towards the ends; || either that of leffer borns, not ufed for labour: or that which hath the largeft horns in proportion to that body, of any other Deer, with a double branched browo-antler, being in the Northern Countries ufed for the draming of sleds.
SBUCK, Doe, Fawn, Pricket, Sorel, Sore, Fallow Deer, Venifón.
4. \(\{\) REIN-DEER, Tarandu.

LLeaft kind; having a ßort, round, branched born.
5. ROE-BUCK, Roe.

Dama:
Ramifer:

Caproolve.
Horned but not ruminant; having but one born, placed on the nefe, being a beaft of great bignefs, covered with a kind of Armatnre, and counted untamable.
6. RHINOCEROT. Rbinocrow.

Ruminant but not borned; being ufeful to men only, when living, for carriage of burdens, having the longeft neck of any other Animal (if there be really any fuch Bcafl.)
7. CAMELOPARD, Giraff a.

Neither horned nor ruminant; uleful only when dead, for its flefh.
8. HOG, Swine, Bore, Som, Pig, Porket, Barrow, Shoot, Pork, Ba. Portw. con, Brawn. Grunt.

Amongtt thofe that belong to the Bovinum genms, there are feveral forts defcribed by Authors diftinguifhed by their having either
\begin{tabular}{|c|c|c|}
\hline A Beard; & & S Urus. \\
\hline A Bunch on the back; & & Bions. \\
\hline Horns reflectied about the ears. & & Bonafu \\
\hline Broad, flat, rugged borns ; & & Buffalus. \\
\hline
\end{tabular}

Betades the more common kinds of Sheep, there are others mentioned by Authors,and defcribed to have

Streight woreathed borns. \(\}\) called \(\left\{\begin{array}{l}\text { ovis stepficeros. } \\ \text { Great thich tails. }\end{array}\right.\) Broad tailed sheep. Amongft

Amongft thofe that belong to the Goat-kind, befides the more vulgar fort, there are others whofe borns are either
\(\left.\begin{array}{ll}\text { voex. } \\ \begin{array}{l}\text { Gimpf: Rupi- } \\ \text { capra. } \\ \text { Gazd. }\end{array} & \begin{array}{l}\text { Angular and knobbed. } \\ \text { Small and round; being hooked at the end. } \\ \text { Streight and woreatbed. }\end{array}\end{array}\right\}\) called \(\left\{\begin{array}{l}\text { Stone Buck. } \\ \text { sbanoois. } \\ \text { Antilope. }\end{array}\right.\)
III. CLAW- III. CLAWED Beafts NOT RAPACIOUS, may be diftinguifhed
into fuch as are either ous.

Man-like; having faces and ears fomewhat refembling thofe of Men, with only four broad incifores, or cutting teeth, and two hort eye-teeth, not longer then the other, their fore-feet being generally like bands, with \(t h u m b s\), going upon their beels; whether the
Sigger kind; \|leither that which hath a fort tail:or that which hath no
I. \(\{\) BABOON, Drill. (tail.

Papio.
Simia.

Corcopithecms. Igwavas.

Levit. 18.

Lepres.

Cumintus. Shins Alpinass.

Histrix.
Echisios.
Leflerkind; having a long tail, and being very nimble: to which nay be adjoined, for its affinity to this kind in refpect of the face, that beaft which is the Joweft of all others, having but three toes on each foot,feeding on leaves, having a blind gut joyned to the upper orifice of bic fomack, being probably ruminant.
2. SMONKEY, Marmofit.
2. \(\{\) SLOTH, Haut, Ay.

Hare-kind; having two long teetb in the lower jaws before, and two others oppofite to thofe (tho not quite fo long) in the upper jaws, moft of which are counted ruminant, becaufe when they have by the help of their incifores filled their months with meat, they after chew it over again with their Molares orgrinders, but they are not properly ruminant, becaufe they have but one ftomack, out of which they do not fetch uptheir food being once fwallowed.
Thefe may be diftinguifhed into the
[Bigger kind; whether fuch as are covered with
íHair; living either
\(\left\{\begin{array}{l}\text { Above ground; being of all others the mof fearful. } \\ \text { 3. HARE, Leveret. }\end{array}\right.\)
2'nder ground; \(\|\) either that with long ears and a bort tail : or that with fort ears and a long tail, being faid to lleep all the Winter. 4SCONNY, Rabbet.
4. §MARMOTTO.

E
Q 2 iills; || either the bigger : or the leffer kind.
5. \{PORCUPINE.

Middle kind; \(\|\) either that which lives in Trees, with a fpreading bushy tail: or that which lives on the ground, with a fort tail, and courrfe bair, having only three toss on a foot.
6. \(\left\{\begin{array}{l}\text { soulirrel. } \\ \text { GINNY PIG. }\end{array}\right.\)

Sciurus,
Leaft kind; living commonly, either
\(\int_{i}^{\text {In honfes; being mijcbievous to Corx; } \# \text { thegreator: or leffer kind }}\)
Sorex.
Moss domeri.io sms.

Ta! pa. 7. \(\left\{\begin{array}{l}\text { RAT. } \\ \text { MQUSE. }\end{array}\right.\)
(Abroad, under ground; having fmall eyes, and broad feet like bawds,being not fo properly belonging to this tribe, but of near affinity to it. 8. MOLE.

Befides

Befides the common Rat there are others having
Flat tails, their binder feet being palmipedes. Zcal. SWater-rat, Musk-rat. short tails, and patted skins. Sled \{Leming.

Befides the more common fort of Mice there are others
Of long frouts, counted venemous. Of a fandy colour, a fireading tail, fleeping much.
Having wings, upon which there are
four claws inftead of feet, the only)
flying beaft.
IV. RAPACIOUS Beafts of the CAT-KIND, may be diltributed iv. RAPAinto fuch, whofe bodies are in proportion to their legs, either
Leß long; having generally two Clavicule or canel-bones, by which they are inabled to ftrike or cuff with their fore-feet, and to climb, being able to theath their claws; whether the
Bigger; confiderable for
[Boldzeß and courage; being the chief of all mild beafts : or for flowoneßand fluggineß, going upon the beols.
SLION-efs, Whelp, roar.
1. \(\{\) BEARE, Cub.

Spottedneß; || either with Rundles: or with Streaks.
2. \(\left\{\begin{array}{l}\text { TYGER. } \\ \text { PARD, Pantber, Leopard. }\end{array}\right.\)
no.
Vrfus, Quick Jithtedneß;
3. OUNCE, Lynx.
rigrù.
Reardus:

Lefler; \|l either that Domeftic Animal, the Enemy to Mice: or that mild -fierce creature, of fome refemblance to this, producing Civet.
SCAT, Kitling, Kitten, Mew.
4. \{CIVET-CAT.

More long; namely fuch as by the length of their bodies, and thortnefs of their legs, are fitted to creep and wind themfelves into holes, for the catching of their prey. The Verminous-kind; whether fuch as are TTerreftrial; of a
Courfer furr; being noxious to Rabbets; \|either that which is frequently trained up by Men for the catching of Connies: or that which is of a finking favour.
5. SFERRET.
5. \{POLECATT, Fitchem.

Finer furr; whether the
Tiverra:
Sigger; being commonly white knder the threat.
6. MARTIN, sable, Gennet.

2Leffer; \| either that which is wobolly mobite, excepting a black Bot on. the tail: or that whofe belly is wobite, the tip of the tail black, the back of a light dun.


Catas.
zibrta:
\(\square\)



\footnotetext{
\(\qquad\)
}

As for that mongrel generation, which many Authors defcribe, as being begotten betwixt a Pard and a Lioneß, being therefore called Lcopard, as likewife that other Beaff, commonly defribed by the name of Gulo or Ferf, and that other named Ilyand. There is reafon to doubt, whether there be any fuch fpecies of Animals, diftinct from thofe here enumerated:
- Tho the belief of thefe (as of feveral other fictitious things) hath been propagated by Orators, upon account of their fitnefs to be made ufe of in the way of fimilitude.
v. RAPACIOU8 DOG-KIND.

Fulpes.
Taxus.

Pbocar.

Lupus awrise.

Tumandua.
Tats.
\(r\)

Simivulpes.
V. RAPACIOUS Beafts of the DOG-Kind, may be diftinguifhed into fuch as are either
jenropaan;
Terreftrial; whether
(Bigger; \|either that which is noted for taineneß and docility: or for mildneßand enmity to sheep.
SDOG, Bitch, Puppy, Whelp. Bark, bay, yelp.
¿WOLF, Howle.
Leffer; living ufually in holes within the ground; \|either that which is noted for Jubtilty, having a bufly tail: or that which is noted for tenacity in biting, being elteemed commonly (tho fally) to have the legs on the left fide fhorter then the other.
2. \(\left\{\begin{array}{l}\text { FOX. } \\ \text { BADGER, Grcy, Brock. }\end{array}\right.\)
!Amphibious; whether the Bigger, Being leß bairy, having great tusks: or the leffer, being wore bairy.
3. SMORSE, sea-borfe.
3. SSEAL, sea-calf.

Exotic; being noted for
Gregarioufnels; going in great troops, and being faid to affift the Lios. in hunting.

Long fnout, and feeding on Ants, and fometimes on roots; \| either that of a bairy : or that of a crustaceows covering.
. SANT-BEARE,
5. \{ARMAVILLO.

A bag under the belly; wherein the young ones are received, being apt to hang by the tail, having a mixed refemblance both to an Ape and a Fox.

Amongft the feveral 乃ecies of Animals, there is not any of greater variety in refpect of accidental differences, then that of Dogs, which being the moft familiar and domeftick Beaft, hath therefore feveral names afligned to it according to thele differences, which are derived either frow the Coumtries in which they are originally bred, and from which they are brought to other places, as England, Ireland, Iceland, Ginny, ofc. or their bignefs or littlenefs, or from their fhape, colour, hairinels, dc. But they are chiefly diftinguifhable from thole ufes which men imploy them abour, either in refpect of

Chap. V.
S Delight; LAP-DOGS.
Companying; when they ferve only to follow us up and down. CURRS.
Cuftody of places or things; MASTIFS.
Hunting ; either by
ísight; GASE-HOUNDS.
small; whether for
Siirds; SPANIELS
\(\{\) STerreftrial; LAND SPANIELS:
\{Aquatic; WATER SPANIELS.
Beafts; of a
SGreater kind; HOUNDS. YLeffer kind; BEAGLES:
swiftne \(\beta_{\text {; }}\) and running after
SGreater Beafts; GREYHOUNDS.
\(\{\) Leeler Beafts; LURCHERS.
play; TUMBLERS.
VI. OVIPAROUS BEASTS ; may be diftinguifhed by their diffe- vi. onipa:
rent ways of progreffive motion; whether
[Grudient ; having four feet, the figure of their bodies being either more i Broad; whofe outward covering is
(Cryfaceous ; \| belonging either to the Land: or to the Water.
1. \(\{\) TOR TOISE, Land-torto
(skinny; \| either that which is not poifonows:or that which is counted
2. \(\{\) FROG, Tadpole, croke.
2. \(\{\) TOAD, Tadpole.
? oblong; whofe bodies and tails are more produced; whether the
[Greateft kind; being fkinned and fcaly; \(\|\) either the larger: or the leffer, the latter of which is defcribed to have a dew. Tap under the 3. \(\{\) CROCODILE, Allegator, Cayman, Leviathan. (throat. croodilme.

Middle kind; || either that which is moft common in other Countries, and of greateft varieties: or that which hath tmotoes bebind in each foot, with prominencies upon the bead like ears, being faid (tho fally) to feed only upon air.

\section*{SLIZARD.}
4. \(\{\) CHAMELION.

Leaft kind \(\ddagger \|\) either that of a brownifh colour with yellom \({ }^{\text {Ppots }}\) : or that of a more dark colour, having a broad tail for fwimming.
5. SLAND SALAMANDER, Land Eft, Neppt. 5. \(\{\) WATER SALAMANDER, Eft, Nespot.
(Creeping; being without feet, and of round oblong bodies; whether the Bigger kind;
6. SERPENT, Hif:
cingudo. rofudo menims. counted poifonows, having two long, hollow, moveable testh,hatching the Eggs within its body.

Leaf? kind; commonly efteemed blind and poijonowr. 8. SLOW WORM.

That kind of Animal which is commonly called a Dragon, and deferibed to be a kind of Serpent with wings and feet (if there ever were any fuch thing ) might poflibly be fome monstrous production, but there is reafon to believe that there is no foch ftanding Species in nature.

Befides the common kind of Frogs, there is another diftinct fort, called the Green frog, feeding on leaves, having blunt broad toes.

Befides the more ufual forts of Lizards, there are others defcribed, as having forme difinct peculiarity in refpect of

Bigger magnitude, and greennefs of colour. \(\quad\) Tube green Lizard.
Blunt broad toes.
Thicker body, having a tail annulate with rales.
Slender body and fall feet, refembling a Slow worm.
Sal head, and refer fcales.

\section*{mi bur....}

HAving now difpatched the enumeration and defcription of the feviral Species of Animals; It hall here take leave for a f hort digreffion, wherein I would recommend this, as a thing worthy to be observed, namely, that great difference which there is betwixt thole opinions and apprehenfions which are occafioned by a more general and confuted view of things, and those which proceed from more difinint confiderstion of them as they are reduced into order.

He that looks upon the Stares, as they are confufedly catered up and down in the Firmament, will think them to be (as they are fometimes tiled ) innumerable, of fo vat a multitude; as not to be determined to any feet number: but when all there Stars are diftinctly reduced into particular conftellations, and deferibed by their Several places, manitubes and names;' it appears, that of thole that are viffle to the naked eye, there are but few more then a thousand in the whole Firmament, and but a little more then half fo many to befeen at once in any Hemp Sphere, taking in the minuter kinds of them, even to fix degrees of magnitude. It is folikewife in other things: He that could put the Queftrdnghow many forts of beats, or birds, orc. there are in the world, would be anfwered, even by fuch as are otherwife knowing and learned men, that there are fo many hundreds of them, as could not be enumerated; whereas upon a diftinct inquiry into all fuch as are yet known, and have been deferibed by credible Authors, it will appear that they are much fewer then is commonly imagined, not a hundred forts of Bealts, nor two hundred of Birds.

From this prejudice it is, that forme hereticks of old, and fame Atheiftical Coffers in the fe later times, having taken the advantage of railing objections, (fuch as they think unanfwerable) against the truth and authority of Scripture, particularly as to the defeription which is given by Nafefis, concerning Nabs's Ark, Gens. 6. 15. where the dimenfions of it are let down to be three hundred cubits in length, fifty in breadth, and thirty in height, which being compared with the things in was to contein, it feemed to them upon a general view, (and they confidently affirmed accordingly ) that it was utterly impuffible for this Arb to hold fo vat a multitude of Animals, with a whole years provifion of food for each of the:

This

This objection feemed foconfiderable, both to fome of the ancient Fathers, and of our later Divines, who were otherwife learned and judicious men, but lefs verfed in Philofophy and Mathematicks, that they have been put to miferable fhifts for the folving of it. Origen, and Saint Aufin, and feveral other confiderable Authors, do for the avoiding of this difficulty affirm, that Mofes being fkilled in all the learning of the Esgptians, doth by the meafure of cubits, here applyed to the Ark, underftand the Egsptian Geometrical cubit, each of which (fay they) did conteinfix of the vulgar cubits, namely, nine foot. But this doth upon feveral accounts feem very unreafonable, becaule it doth not appear, that there was any fuch meafure amongft the 历gyptians or fews, ftyled the Geometrical cubit : Andif there were, yet there is no particular reafon, why this fenfe fhould be applyed to the word cubit here, rather then in other places, It is faid of Goliah., that his height was fix cubits and a a sam. ig.4: Span, which being underftood of the Gepmetrical cubit, will make him fifty four foot high, and confequently his head muft be about nine foot in the height or diameter of it, which muft needs be too heavy for \(D_{a-}\) vid to carry.

Others not fatisfied with this folution,think they have found a better anfwer, by afferting that the ftature of mankind being confiderably larger inthe firft ages of the world, therefore the meafure of the cubit mult be larger likewife, and perhaps double to now what it is, which will much inlarge the capacity of the Ark. But neither will this afford any reafonable fatisfaction. For if they will fuppofe men to be of a much bigger ftature then, tis but reafonable that the like thould be fuppofed of other animals alfo; in which calfe this anfwer amounts to nothing.

Others will have the facred cubit to be here intended, which isfaid to be a hands breadth longer then the civil cubit, Ereck.43.13. But there is not any reafon or neceffity for this. And tis generally believed, that the facred cubit was ufed only in the meafure of facred Structures,as the Tabernacle and Temple.

This feeming difficulty is much better folved by Foh. Buteo in the Tract de Arca Noe, wherein fuppofing the cubit to be the fame with what we now call 2 foot and a half, he proves Mathematically that there was a fufficient capacity in the Ark, for the conteining all thofe things it was defigned for. But becaufe there are fome things liable to exception in the Philofophical part of that difcourfe, particularly in his enumeration of the fpecies of Animals, feveral of which are fabulous, fome not diftind fpecies, others that are true fpecies being left out; therefore I conceive it may not be improper in this place to offer another account of thofe things.

It is plain in the defcription which Mofes gives of the Ark, that it was divided into three ftories, each of them of ten cubits or fifteen foot high, befides one cubit allowed for the declivity of the roof in the upper trory. And 'tis agreed upon as moft probable, that the lower ftory was affigned to contein all the fecies of beafts, the middle fory for their food, and the upper ftory, in one part of it, for the birds and their food, apd the other part for Noah, his family and utenfils.

Now it may clearly be made out, that each of thefe fories was of a fufficient capacity for the conteining all thofe things to which they ate afligned.

For the more diftinct clearing up of this, I hall firft lay down feveral tables of the divers fpecies of beafts that were to be received into thie Ark, according to the different kinds of food, wherewith they are ufually nourihed, conteining both the number appointed for each of them, namely, the clean by fevens, and the unclean by pairs, together with a conjecture (for the greater facility of the calculation) what proportion each of them may bear, either to a Beef, or a Sheep,or a Wolff and then what kind of room may'be allotted to the making of fufficient Stalls for their reception.


In this enumeration I do not mention the Mule, becaufe 'tis a mungrel production, and not to be rekoned as a diftinct feecies, And tho it be moft probable, that the feveral varieties of Beeves, namely that which is Itiled Vris, Bifons, Bonafir and Buffaio, and thofe other varieties reckon-
Chap.V. Noabs Ark. 165
ed under Sheep and Goats, be not difinct fpecies from Bull; sheep; and and Goat ; There being much lefs difference betwixt thefe, then there is betwixt feveral Dogs: And it being known by experience; what various changes are frequently occafioned in the fame feecies by feveral countries, diets, and other accidents: Yer I have ex abindanti to prèvent all cavilling, allowed them to be diftinct fpecies, and each of them to be clean Bealts, and confequently fuch as were to be received in by fevens. As for the Morfe, Seale, Turtle, or Sea-Tortoife, Crocodite, Senembi, Thefe are ufually defcribed to be fuch kind of Animals as can abide in the water, and therefore I have not taken them into the Ark, tho if that were neceffary, there would be room enough for them; as will thortly appear. The Serpentine-kind, snake, Viper, slow-woorm, Livard, Freg, Toad, might have fufficient fpace for their reception, and for their nourifhment, in the Drein or Sink of the Ark, which was probably three or four foot under the floor for the ftandings of the Bealts. As for thofe - Jeffer Beafts, Rat Moufe, Mole, as likewife for the feveral fpecies of Infects, there can be no reafon to queftion, but that thefe may find fufficient room in feveral parts of the Ark, without having any particular Stalls appoint: ed for them.

Tho it feem moft probable, that before the Flood, both Men, Beafts and Birds did feed only upon Vegetables, as may appear from that place, Gen. 1,29,30, And God Said, Bebold I bave givew you every berb bearing feed which is upon the face of all the earth, and every tree in wobich is the fruit of a trěe yelding feed, to you it fhall be for meat. And to every beaft of the earth, and to every forml of the air, and to every thing that creepeth upon the earth, wherein there is life, I have given every green berb for meat, compared with chap. 9.3. Where after the Flood, when the productions of the Earth were become of lefs efficacy and vigor, and confequently lefs fit
- for nourifhment, God faith to Noah, Every moving thing that liveth, faall be meat for you, even as the green berb bave I given you all abings. Yet becaufe this proof is not fo very cogent to convince a captious Adverfary, but that he may ftill beapt to queftion, whether the Rapacious kinds of Beafts and Birds, who in the natural frame of their parts are peculiar: ly fitted for the catching and devouring of their prey; did ever feed upon herbs and fruits; Therefore to prevent fuch Cavils, I fhall be content to fuppofe that thofe Animals which are now Pradatary were fo from the begining: upon which, it will be peceffary to enquire, what kind of food might be proper and fufficient for them, during their abode in the Ark. Now 'tis commonly known, that the ruminant kind are moft ufually' the prey for the rapacious kind of beafts:

It appeares by the foregoing tables, that the beafts of the fapaciois carsivorous kinds, to be brought into the Ark by pairs, were but forty in all; orfwenty pairs, which upon a fair calculation are fuppofed equivalent, as to the bulk of their bodies and their food, unto twenty feven Wolves; but for greater certainty, let them be fuppofed equall to thirty Wolves: and let it be further fuppofed, that fix Wolves will every day devour a whole Sbeep, which all Men will readily grant to be more then fufficient for their neceffary fuftenance: According to this computation; five sbeep' tnuft be allotted to be devoured for food each day of the year; which amounts in the whole to 1825 .

Upon thefe fuppofitions there muft be convenient room in the lower
flory of the Ark to contein the forementioned forts of bealts which were to be preferved for the propagating of their kinds, befides 1825 . sbeep, which were to be taken in as food for the rapacious Beafts.

And tho there might feem no juft ground of exception, if thefe beafts thould be ftow'd clofe together, as is now ufual in Ships, when they are to be tranfported for any long voyage; yet I fhall not take any fuch advantage, but afford them fuch fair Stalls or Cabins as may be abundantly fufficient for them in any kind of pofture, either ftanding, or lying, or turning themfelves, as likewife to receive all the dung that hould proceed from them for a whole year.

And that the.Ark was of a fufficient capacity for thefe purpofes, will appear from the following Diagram. In which there is a partition at each end of the Ark, marked A A, of fifteen foot wide, and the breadth cf the Ark being feventy five foot; thefe partitions muft contcin in them five Areas of fifteen foot Square, and an Area of five foot fquare, being fufficient to contein four sbeep, therefore one of fifteen foot fquare mult be capable of thirty Gix sheep; Allowing one of thefe Areas at each end for ftairs, there will eight of them remain, (viz.four at each end) to be reckoned upon for the conteining of sbeep; which eight will be capable of receiving 388 Skecp.

Befides thefe partitions, at the end there are five feveral paffages marked B B, of feven foot wide for the more convenient accefs to the feveral Stalls; the four Areas on the fide marked C C, defigned for Stalls, are each of them eighteen foot wide, and about two hundred foot long. And the two middle Areas marked D D, are each of them twenty five foot wide, and about two hundred foot long.

Suppofing the two middle Areas to be defigned for Sheep; an Area of twenty five foot fquare muft be capable of a hundred, and there being fixteen of thefe, they mult be capable of 1600 sheep, which being added to the former number of 288 will make 1888 .fomewhat more then 1825 the number affigned for thofe that were to be taken in for food.

The four fide Areas marked C C, being each of them eighteen foot wide, and two hundred foot long, will be more then fufficient to contein the feveral beafts which were to be preferved for the propagating of their kind; for which in the foregoing Tablestheir is allotted to the length of their 8talls only fix hundred and fix foot, befides the largenefs of the Stalls allotted to each of them. So that there will be near upon two hundred foot overplus, for the reception of any other beafts, not yet enumerated or difcovered.

As for that fafhion of the Keel of Ships now in ufe, whereby they are fitted for paffage through the Waters, and to endure the motion of the Waves: This would not have been convenient for the bufinefs here defigned; The Ark being intended only for a kind of Float to fwim above water, the flatnefs of its bottom, did render it much more capacious, for the reception of thofe many living Creatures, which were to be conteined.in it. And tho towards the end of the Flood when it began to abate, God is faid to Make a mind to paßover thaEarth, whereby the waters poere a/parged, Gen.8.1. Yet'tis not likely that in the time of the deluge, when the whole Earth was overflowed, that there fhould be any fuch rough and boifterous winds as might endanger a Vefel of this Figure; fuch winds ufually proceeding from dry Land.


From hence it may be evident. that thomentint room in the.

dreotiteArk, rather then to find fufficient room for thofe feveral fpecies of Animals already known. But becaufe it may be reafonably prefumed, that there are feveral other fpecies of bealts and birds, efpecially in the undifcovered parts of the world, befides thofe here enumerated, therefore dis but reafonable to fuppofe the Ark to be of a bigger capacity, then what
\[
166 \quad \text { Noabs Ark. } \quad \text { Part.II. }
\]

God is faid to Make a woind to paßpoer tha Earth, whereby the waters pere a/fopaged, Gen.8. I. Yet'tis not likely that in the time of the deluge, when the whole Earth was overflowed, that there fhould be any fuch rough and boifterous winds as might endanger a Vefet of this Figure; fuch winds ufually proceeding from dry Land.

From

From hence it may be evident, that there was fufficient room in the lower ftory for the convenient reception of all the forts of beafts that are yet known, and probably for thofe other kinds that are yet unknown to thefe parts of the World,

The next thing to be cleared up, is the capacity of the fecond fory for conteining a years provifion of food. In order to which 'tis to be obferved, that the feveral bcafts fecding on hay, were before upon a fair calculation fuppofed equal to ninety two Beeves : but to prevent all kird of Cavils which may be made at the proportioning of them, let them be as a hundred, befides the 1825 . sbrep taken in for food. But now becaufe thefe are to be devoured by five per diem, therefore the years provifion to be made for them, is to be reckoned but as for half that number, viz. \(9: 2\). Thefe being divided by feven to bring them unto a proportion with the Beeves, will amount to 180 , which added to the former hundred make 280, fuppofe three hundred. So then according to this fuppofition, there muft be fufficient provifion of hay in the fecond ftory to fuftein three hundred Beeves for a whole year.

Now'tis obferved (faith Buteo) by Columella, who was very well verfed in the experiments of Hufbandry, that thirty or forty pound of hay is ordinarily fufficient for an \(0 x\) for one day, reckoning twelve ounces in the pound. But we will fuppofe forty of our pounds. And 'tis afferted by butco upon his own tryal and experience, that a folid cubit of dryed hay, compreffed, as it ufes to be, when it hath lain any confiderable time in Mows or Reeks, doth weigh about forty pound; fo that for three hundred Beeves for a whole year there muft be 109500. fuch cubits of hay, (i.e.) 365 . multiplied by 300 . Now the fecond ftory being ten cubits high, three hundred long, and fifty broad, muft contein 150000. folid cubits, which is more by 40500 . then what is neceffary for fo much comprefled hay; and will allow face enough both for any kind of beams and pillars neceffary for thofabric, as likewife for other repofitories, for fuch fruits, roots, grain or feed, as may be proper for the nourifhment of any of the other Amimals. And likewife for fuch convenient paflages and apertures in the floor as might be neceffary for the putting down of the hay to the Stalls in the lower ftory. From which it is manifeft that the fecond ftory was fufficiently capacious of all thofe things defugned for it-

And then as for the third ftory; there can be no colour of doubt, but that one half of it will be abundantly fufficient for all the fpecies of birds, tho they fhould be twice as many as are enumerated in the foregoing tables, together with food fufficient for their fuftenance, beciaufe they are generally but of fmall bulk, and may eafily be kept inf feveral partitions or Cages over one another. Nor is there any reafon to queftion, bat that the other half would afford fpace enough both for Noal's family and utenfils.

Upon the whole matter, it doth of the two; appear more difiticult to affign a fufficient number and bulk of neceffary things, to atrfuet the capacity of the Ark, rather then to find fufficient room'for thofe feveral fpecies of Animals already known. But becaufe it may be reafonably prefumed, that there are feveral other feecies of bealts and birds, efpecially in the undifcovered parts of the world, befides thofe here enumerated, therefore 'sis but reafonable to fuppofe the Ark to be of a bigger capacity, then what
what may be fufficient for the things already known, and upon this account it may be afferted, that if fuch perfons who are moft expert in Philofophy or Mathematicks, were now to affign the propertions of a Veffel that might be futable to the ends here propofed, they could not (all things confidered) fird out any more accommodate to thefe purpofes, then thofe here mentioned.

From what hath been faid it may appear, that the meafure and capacity of the Ark, which fome Atheiftical irreligious men make ufe of, as an argument againft the Scripture, ought rather to be efteemed a moft rational confirmation of the truth and divine authority of it. Efpecially if it be well confidered, that in thofe firft and ruder ages of the World, when men were lefs verfed in Arts ard Philofophy, andtherefore probably more obnoxious to vulgar prejudices then now they are, yet the capacity and proportions of the Ark are fo well adjufted to the thingsit was to contein; whereas if it had been a meer humane invention, "tis moft probable, that it would have been contrived according to thofe wild apprehenfions, which (as I faid before) do naturally arife from a more confufed and general view of things, as much too big, as now fuch men are apt to think it too little, for thofe ends and purpofes to which it was defigned.

\section*{CHAP. VI.}

\author{
The Parts of Animate Bodies; whether I. More Peculiar, or II. Move General.
}
- .

》. I: Nder this Head of PECULIAR PARTS of Aximate Bodiesare peculiar PARTS of
Animate BoAnimate Bodies.

Pl Plants: But as to Animals, it contains onely fuch as are peculiar to for of them, not common to all. And thefe are comprehended with the others under the fame Head, becaufe I could not otherwife place them conveniently to my purpofe. They are diftinguibable by their relation to

Plants; as being
LASTING PARTS. I. ANNUAL PARTS. II. ZKINDS OF FRUIT. III.
Animals; belonging chiefly unto
SSWIMMING Animals. IV.
\{FLYING Animals. V.
\(\left\{\begin{array}{l}\text { GOING Animals. VI. }\end{array}\right.\)

Chap. VI.
I. 'By LȦSTING PARTS of Plants are meant fiches do ufually con- t. íastrind tinue during the life of the Plant, and are not renewed every year. And parts ot because the chief of there is filled WOOD, therefore may that be here plants. adjoyned by way of affinity. There are diftinguifhable by their Fabric and Confifteace, together with their Pofition and Shape; being either more
Hard and Solid; confidered according to the
[Poftion 3 as to the
Earth, wherein Plants do grow; being either
(Withinit ; to which they be adjogned thole parts in the body of the Plant pobich have lome analogy to Roots.
SROOT, Radical, radicate, eradicate.
KKNOT, Knirle, Knag.
Without it. ; the upright part above ground ; \(\|\) either the greater, upon, and from which the branches do grow : or the lefter'; growing up from the fame root.
SSTOCK, Stem, Trunk, Body, Stalk, Stub, stump.
Plant it felf, Shooting from the Stem of it; \(f\) whether greater and Spread : or left, and pointed, being common likewise to Fifes, enc. 3. \(\left\{\begin{array}{l}\text { BRANCH, sprig, sion, young shot, Graft, Bough, Arm of a } \\ \text { Tree, slip, Lop. } \\ \text { THORN, Prickle, Spinow. }\end{array}\right.\)
shape and Figure; \(\mid\) more cylindrical and fief: or more taper and flexile.
STICK, Staff, stake, Cudgel, scepter, Mace, Crofter, Ding, Leading-
4. \(\begin{gathered}\text { faff, Truncheon, Sutton, Reft, scatch, Crutch, Helve, Perch, Tally. } \\ \text { WAND; Twi, Rod, Switch, Pole. }\end{gathered}\)
soft.
(Not difolvable; \|loutword: or inward.
\(\{\) 5.SRINDE, Bark, Pill:
Difolvable, by Water, or by Fire; being \|either of an aqueoves: or and unctuous nature.
6. \(\left\{\begin{array}{l}\text { GUM } \\ \text { RESIN. }\end{array}\right.\)

Liquid; of a \(\mid l\) more watery: or more wadtuows confiftence:
7. \(\left\{\begin{array}{l}\text { JUICE, SAP, succulent. } \\ \text { BALSAM. }\end{array}\right.\)
II. By
II. ANNU. AL patts of Plants.
II. By ANNUAL Purts are meant fuch asare rencwed every year ; which are either
More principal; thofe parts whereby Plants do propagate their kinds.
Antecedent to the Seed; either that moft tender part of a Plant, confiderable for its beauty and colour, adikering to the firft rudiments of the Seed: or that mobich is anfmerable to this in Willows and Nuttrecs, orc.
SFLOW ER, Blofom, Bloom, Llomn, Nofegay, Pofey. ¿CATKIN, Palm.
The Seed it felf; in refpect of the
\{Parts belonging to it, and encompafing it; \|either the moft
(Soft and fucculent; betwoixt the outward skin and the inward sced vijel: or the molt bard cruftaceous part containing the Seed. SPULP.
2. \{STONE, sbell.
(Ibin part for Covering : or Oblong, for Defence.
3. SHUSK, Hull, shell, skin, chaff, Boled.
\{BEARD.
- Aegrcgate of Frkit or Seed; of a Figure \|| more groß and confufed: or noure narrons, oblong, and taper.
SCLUSTER, Banch, Pannicle.
4. ¿EAR, spike, Spire, Bent.

Leßprincipal; to be further diftinguifhed by the Figure, in refpect of ; Thickneß or Tlinneß; either fuch as are more thick, namely the firft little fwellings in the growth of a Plant, or of the parts of it: or fuch as are more thin, namely thofe laminated parts, belonging cither to Plants themfelves, or to their flowers.
SSPROUT, Bud, /hoot, burgeon, pullutate, repullutate, germinate,
5. \(\{\) put furth, spring forth.

LEAF, Foliags, Blade.
Length; whetherfuch as are
-Proper to the Flower; the greater, ftanding up fingly in the middle of the flower: or the lefer, being fmall threddy filaments within the flower, whereof there are ufually many together.
6STILE.
¿STAMEN, \(t x f t\).
[Common to other parts of the plant; \|either thofe fmall ftemms,upon which flowers and leaves do grow : or thofe kinds of threddy Sooots, by which climbing Plants do take hold of and twiff about the things that ftand next to them
. SSTALK, Footftalk, 乃bank.
7. ¿TENDREL, Clafper.

Hollowneß; conteining within it, either \|the leaves of the flower: or the fruit.
8. \(\left\{\begin{array}{l}\text { CUIP, Perianthium. } \\ \text { PERICARPIUM. }\end{array}\right.\)
III. By FRUITS are meant thole more Succulent parts of Plants, mi. kinds of which are either the Receptacles of seed, or elfe the Seeds themselves; to Fears. which may be adjoyned. by way of affinity, the general name denoting the EXCRESCENCES of Plants, as Galls are of Oren leaves, \(\mathcal{O} c\).

Fruits may be diftinguifhed into fuch as are
Receptacles of Seed.
[Eaten commonly by men; whole eatable part is covered with a
soft skin.
S Without Stones; being generally a larger fruit.
1. APPLE, Pomiferous.

With Stones; \|either the greater kind, conteining one fingle tone encompaffed with an esculent pulp: or the le \(\beta\), growing either in Clutters, or diferfedly on Trees, Shrubs and Herbs; conteining generally feveral fall feeds or fores in the pulp or husk of it.
SPLUM, Bruin, Pruniferous. ¿BERRY, Bacciferous.
Hard shell; namely that kind of fruit, whole only efculent part is inclofed in a hard covering.
3. NUT, Nuciferous.

Not eaten commonly by men, but by beafts.
(Confining of one only Seed, in a Seed-vefel; \|romndifh : or flat-figured.
SMAST, Acorn, Pamnage.
\(4 \cdot \xi \mathrm{KEY}\).
(Conteining Several seeds; being \(\|\) more Solid : or hollow.
5. SCONE, Apple.
5. \{COD, Husk, Pod, shell, , hale, filiquous.

Seed; || being the molt minute kind of Fruit, whereby Plants propa-
gate their Kinds; or the Inmost parts of Seeds.
6. SGRAIN, Corn, Kern.

The Peculiar parts of Animals here enumerated are fid to be foch as belong chiefly; not only, to the Several kinds of Swimming, Flying, Going Animals; because there are forme under each Head that belong alto to other Animals. So Spawn and Cruft belong to Infect is, and forme Beafts, as well as to Fifth. So Trunk or Probofcis, and Egg do belong to rome Going Animals, as well as to Flying. So doth Embroyo to a Bat and all Viviparowis Fifth, as well as to Going Animals. But thee Parts are more commonly and generally found amongst thole Kinds under which they are lifted.
Iv. Partspe- IV. Thole Parts peculiar chiefly to SWIMMING ANIMALS, to culiar To To which Cuftom hath ascribed diftinct names, do Serve either for their SWIMMING Which

SHeller ; being a Thin laming.
\(\left\{\begin{array}{l}\text { 1. SCALE. } \\ \text { Greater ; } \| \text { opening usually upon a Joint, as in Oifters, orc. or an entire }\end{array}\right.\) Armature, without foch opening, as in Lobsters, orc.
SSHELL, Teffaccows.
2. \{CRUST-aceows, shell.

Respiration; thole opening parts on the fides of the Head, which are thought to fupply the place of Lungs. 3. GILL.

Progrefive motion; ferving either to
(Direct this motion; by feeling foch objects as lye in the way, being long prominencies, franding off from the bead, common to feveral Infects.
< 4. FEELERS, Horns, Antenna.
Ald \(\sqrt{2 f t}\) in this motion; whether of
Swinıming; as in molt kinds of flkinned and Coaly fifth.
Internal; a thin membrane filled with air, by the help of which
Fishes poife themfelves in the water.
5. SWIMMING BLADDER.
(External; \|either thole this broad fubftances, ftanding off from the body of the Fill: or thole long fender parts belonging to there
6. SFINN.
\{RAY, Radius, Pinnula.
Going; as in cruftaceous exanguious Animals.
7. CLAW.
|Procreation; belonging either to the \(\|\) Males: or Females.
8. \(\left\{\begin{array}{l}\text { SMILT, Soft row. } \\ \text { SPAWN, Hard row. }\end{array}\right.\)
\begin{tabular}{lll}
\hline Chap. VI. & Parts peculiar. & 173 \\
\hline
\end{tabular}
V. The Parts peculiar TO FLYING ANIMALS are either Not flefhy ; fuch as ferve for
[Outmard covering, which is done by fmall oblong bodies, with bair-like ELININE: brancbes growing from both fides of them, the bottom of which is a kind of a bolloto Cylinder like a reed.
SFEATHER, Plunee, callow, fledge, pluck.
1. \(\{\) QUILL.

Progrefjive motion; which in fuch kind of Creatures is twofold.
FFlying ; which is done by thofe parts fastned on the fioulders, by the motion of abich they sirike the Air: Thefe are generally an aggregate of Feathers; but in Bats and Flies of a Skinny confiftence. To which may be adjoyned that aggregare of bindermoft Feathers, whereby they feer themfelves in their Flight.
2. SWING.
\(\{\) TRAIN, Tail.
IGoing; by a Foot with feveral Toes \(\|\) divided: or united by fome filum for their better help in Swimming.
STALON, Pounce, Claw, Clutch.
3. ¿FLAT FOOT, Palmipede.

Feeding and Fighting; \| the mouth of a Bird: or a kind of bollom tube through which fome things fuck their nourifhment.

SBEAK, Bill.
4. \{TRUNK, Probofcit, snout.

Fighting onely; of a Barp figure; \(\|\) either on the fide of the Leg: or in the Tail, counted poifonous.
5. SSPUR.
5. \{STING, Prickle.

Procreation; \(\|\) a roundifs bodj covered mith a shell: or a yellowifh cafe containing a Maggot, which is tranfmuted into a Moth or Butterfly. 6. \(\left\{\begin{array}{l}\text { EGG, Nit, Flybloto, } \\ \text { CHRYSALITE, Aurelia. }\end{array}\right.\)

Flefby; belonging to the
SFore-part; and placed either \(\|\) on the top of the bead: or under the fapp.
\(\left\{\begin{array}{r}\text { Fore-part; } \text { and placed } \\ \text { 7. } \\ \text { COMB, Creft. } \\ \text { GILL, Wrattle. }\end{array}\right.\)
(Hinder-part; \(\|\) either that Protuberance about the end of the Back-bome: or that Cavity or Olandule in it containing an unctuous fubfance for the fuppling of the Feathers.
8. \(\left\{\begin{array}{l}\text { RUMP. } \\ \text { OIL-BOX. }\end{array}\right.\)
VI. The

\section*{174 \\ Parts general. \\ Part. II.}
Vi. Parts pe-
VI. ThePartspeculiar belonging TO GOING ANIMALS are fuch culiar TO as ferve for
GOING

\section*{GOING}

Outithard covering; confiderable according to the
More general name; denoting a fmall oblong flexile body, growoing Plant-like out of the skin: or Aggregates of thefe, growing thick together and curled.
1. SHAIR. ¿WOOL.
Particular kinds; \|either a more big and fiff kind of bair: or the more fmall and fofter kinds of bairy fubftances, fometimes afcribed to Feathers.
SBRISTLE
2. \(\{\) DOWN, Lint.

Aggregates; more proper to Hair: or to Wool.
SFURR, Ermin, Minivor, \&c. Timber.
3. ¿FLEECE, Flu.

Hairy parts; \|ow the Chin or Face: or on the Neck.
SBEARD, Muftach, Whisker.
4. \(\{\) MANE, Cref.

Progreffive motion; whether \(\|\) in mbole or cloven-footed Animals: or in multifidous or clawed Animals.
5. \{ HOOF.

Fighting ; the formoft part ferving for offence againft greater Animals: or the bixdermoft part ferving for defence againft Infects.
6. SHORN, Head, goring:
¿TAIL, Scut, Dock, Crupper, Single of Deer.
Procreation; the young in the Womb before its birth : or the bag woberein it is contained.
7. \(\left\{\begin{array}{l}\text { EMBRYO, child in the Womb. } \\ \text { SECUNDINE, After-birtb. }\end{array}\right.\)

\section*{Of GENERAL PARTS.}
8. II. BY GENERAL PARTS of Animals are meant fuch as are more common to the whole kind, or at leaft the more perfect kinds,as Beafts and Men; there being feveral parts enumerated under this head, as Milk, Marrow, Bone, Griltle, Tooth, Dug, Rib, Navel, all under the fifth Difference, and fome under the fixth, which are not common to all forts of \(I n\) fects, Fifhes, and Birds. Thefe are diftinguilhable into
SHomogeneous.
SCONTAINED. I.
\{CONTAINING. II.
Heterogereus.
\(\left\{\begin{array}{l}\text { External. } \\ \text { \{HEAD. III. } \\ \text { TRUNK. IV. } \\ \text { INTMM. V. } \\ \text { INTERNAL. VI. }\end{array}\right.\)
I. CON-
Chap. VI. Parts general. 175
I. CONTAINED HOMOGENEOUS PARTS are fuch kind of fluid I. CON-

Bodies as are diftinguifhable by their various Confiftences and Ufes, and TAINED Bodics as are dir. not by any difference of Shape or Figure; becaufe, being liquid, they NEPOS have no Shape of their own, but muft be contained termino alieno. They are either more
[Tbin and Acrial.
1. SPIRIT -

Liquid and Fluid; being either
More limpid; and of an aqueous tranfparency, ||for diluting and attenuating the Humors : or a prepared Juice for nourijbing the feveral parts.
2. \(\{\) SERUM, Whey,
¿succus NuTritius.
Asore opacous and thick.
(Not generally diffufed; being ujeful either for
Nutrition; Ha whitifh humor in the Mefentery extradfed from the food before sakgnification: or receiving a fartber digeftion in the breafts for the nourilhment of the Foctus. SCHYLE.
3. \{MILK, Cream, Breftings, milch, Dairy.

LGeneration; \(\|\) common to both sexes: to which may be adjoyned that excrementitious moilture proper to fome Females.
SSPERM, Seed, feminal.
4. \{MENSTRUA, Courfes.

Diffused through the whole, and mixed together in one Mals; confidered either according to the . General name; denoting that red juice in the bodies of the more perfect Animals.
5. BLOUD, Crimjon.
(Particular kinds; of which this whole mals is faid to confit, com:monly ftiled the four Humors, and according to the old Theory, efteemed to be either
6. \(\{\) BLOUD, sanguin:
\{CHOLER, Gall. cotds and \(\|\) moift: or dry. 7. SPHLEGM, pitnitous. 7. \{MELANCHOLY, cboler admet.

More comfiftent; \(\|\) in the Head, the organ of the inward Senfes: or in the Cavity of the Bones, for the moiltning of them.
b. \(\left\{\begin{array}{l}\text { BRAIN. } \\ \text { MARROW, sedullary. }\end{array}\right.\)
II. CON-
II. cosi TAINING HOMOGE. NEOUS PART8.
II. CONTAINING HOMOGENEOUS PARTS are diftinguirhable by their Qualities of Hardnefs and Softnefs,or by their Figures and Ufes; being either of \(a\)
[More hard Conffence;
(For firengtbning of the Fabric; \|either the mof hard and dry: or loßbard; both dèvoid of Senfe SBONE, skull, - GRISTLE, Cartilage.
(For uniting of the Bowes and Mufcles; \|either oblong: or the exiremity. of the Mugcle affixed to the part which is to be moved.
2. SLIGAMENT.
\(\{\) TENDON.
More foft Confifence; being either
TThin and broads for covering of \(\|\) the outward parts: or the inward parts.
3. \(\{\) SKIN, Cuticle, Fell, Hide, Pelt, slough, flay, excoriate, gall.
3. \(\left\{\begin{array}{l}\text { SKM, } \\ \text { MEMBRANE, Film, Pannicle, Twnicle, Skin, Pericardium, Pe- }\end{array}\right.\) ricranium, Peritonaum.
Oblong and narrow ;
(Hollows for conveyance of the Blowd \|to the Heart: ot from the Heart.
SVEIN, Venal.
4 \{ARTERY-all.
Solid; for conveyance of the Spirits, ferving for Senfe: or thofe frmall bair-like-bodies of which the Mufcles confift. SNERVE, simem.
5: \{FIBRE, Gr̈ain, Filament.
Craß; of no determinate Figure; njefnl fot
MMotion ; according to the name, || more general: or particular.
6. SFLESH, Parenchyma, carnal, Carnofty, incarnate. ¿MUSCLE, Brawn.
Preferving from Heat and Cold: or the Percolation of fome bumors. 7. SFAT, Suet, Tallow.
7. GLANDIILE, Kernel, Emundiory, Almond, Bur, Smeet-bread, Nut.
III. Amongst External containing Heterogeneous parts, that which is the in. of the chief, being the Seat and Refidence of the Soul, is the HEAD : To which HEAD. may be oppofed the other part ftyled BODY, Carcaj.

The parts of the Head are either
(More general; || either the forepart lejshairy:or the binder-part more hairy.
\{FACE, Vifdige, Aspect, Countenance, Favour, Look, Mint, Pbyjz-
1. \(\left\{\begin{array}{l}\text { ognomy, Feature, Wizard, Mask. }\end{array}\right.\)
(PATE, Scalp, Noddle, Sconce, Scull, Brain-pan.
More particular parts of the Head and Face are either
More properly Organical ; for
[Sense; whether fuch parts as are
External; fed for
Seeing, or Hearing.
2. \(\{\) EY, Ocular, optic, fee, vie bb, look, ken, behold, gaze, pore. - EAR, Lug, bear, hearken, auricular.

Rafting, or \(S\) selling : § either that Sciffure of the Face through which we breath and receive our nourifment : or that holslow prominence, through which we breath and fell.
SMOUTH, Chaps, muzzle, oral, devour.
3. \{NOSE, snort, Nofril, fell.

Internal; fed for
Tafting, Speaking, or Eating;
[Convex; \|either that of a foot Flefly fubfance, whereof there is but one : or that of a moot hard and dry confjetence, whereof there are many.
4. 5 TONGUE, lick. - TOOTH, Fang, Tusk, bite, gnaw, nibble, Holders, Grinders. Concave; either the upper inioard part of the Mouth: or the open pafjage through the Neck into the middle region of the Body. 5. \{PALATE, Roof. \(\begin{aligned} & \text { THROAT, guttural, jugular. }\end{aligned}\)

Leeßproperly Organical; but contributing to the making up the Fabric of the Face; diftinguifhable by their various Pofitions into
Upper and fore-right; \|Extremity of the Face: or Protuberance over the Eye.
6. SFOREHEAD, Brow, Front.

Lateral; \|tomards the middle: or towards the upper parts. 7. \(\{\) CHEEK, ole.
7. ¿TEMPLES.

Lower;
(For e-right; \(\| l\) either the upper and lower Extremity of that Sciffore which makes the Mouth: or the Extremity of the Face. 8. \(\left\{\begin{array}{l}\text { LIP. } \\ \text { CHIN. }\end{array}\right.\)

Lateral;
9. \(\left\{\begin{array}{l}\text { JAW, chap, Mandible, Fol:. } \\ \text { PLACE OF TONSILLE. }\end{array}\right.\)

\section*{IV. Of the} TRUNK.
IV. By TRUNK is meant the middle part of the Body, considered alftraitly from Head and Limms. The Parts of the Trunk are diftinguilhable by their various Politions being either
i Upper; towards the top of the Trunk.
(Not determined to fore or hinder part, but common to both; \|the Stcm-like of the Head: or the upper Convexity of Breaft and Back. SNECK, Nape, Dulap.
1. \{SHOULDER, Scapulary.

Determined to the
(Fore-part; \|more general: or more specially the glandulous part defined for milk in females. SBREAST, PeCtoral, Bofom.
2.\{ DUG G, Udder, Teat, Nipple, Pap,'Breaf.
(Hinder part; more general: or more specially the Bones of it.
3. \(\left\{\begin{array}{l}\text { BACK. } \\ \text { VERTEBRA, spondyl, Spinal, Chine. }\end{array}\right.\)

Middle.
[Hinder-part; || the direct Muffles: or tranfverfe Bones. 4. \(\left\{\begin{array}{l}\text { LOIN; Chine. }\end{array}\right.\) 4. \{RIB.

Sidle-part; || more general: or more Specially the lower part of it. SSIDF, Lateral, collateral.
5. \{FLANK, Rand.

Forepart; more general: or more Specially the concave middle part of it.
6. SEELLY, P男nch, Pannel, Peritcnaum. \{NAVEL, Z'mbilical.
Lower;
(Fore part; the concave part \|betmeen the belly and thighs: or feat of the Privities between the thighs.
7. \(\left\{\begin{array}{l}\text { GROIN. } \\ \text { SHARE, Tiff. }\end{array}\right.\)

Hinder -part; || more general : or Specially the Cavity.
8. SBUTTOCK, Breech, Haunch, Ham.
- 8. \{FUNDAMENT, Dock.
V. By LIMM or Member is meant any fpecial part defigned for ACtion, \(\bar{\gamma}\) of the moveable upon, and diftinguifhable by its Joints: for which reafon the

\section*{LIME.} word JOINT may be annexed to it by way of affinity, one being the thing moved, and the other the thing upon which the motion is made.

They are either
ieper Lime.
' Innermof: or next to the Trunk, with its Joint.
SARA.
1. SHOULDER.

Middlemost.
2. SCUBIT.
2. \(\{\) ELBOW, Pinion.

Outermoff.
\(\left\{\begin{array}{c}\text { HAND-le, wield, Manual, manage, Palm, Fiji, clutch, Graft'; }\end{array}\right.\) 3. \(\left\{\begin{array}{l}\text { Haft, Hilt, Glove. } \\ \text { WRIST. }\end{array}\right.\)

Lower Limo.
Innermeoft: or next to the Trunk.
4. STHIGH, Hip, Ham, Haunch, Peftle.

4• そHUCKLE.
Middlemof.
SSHANK, Leg, shim, calf.
5. §KNEE'

Loutermof.
6. \(\left\{\begin{array}{l}\text { FOOT, Hock, Trotter, tread, trample, ftamp, Inféep. } \\ \text { HEEL, Calcitrate, kick, Paftern. }\end{array}\right.\)

Common both to upper and lower Limm; the Joints of which may be diftinguilhed by.the order of firf, fecond, or third : or innermost, middlemof, or outermost.

SFINGER, Toe, Thumb.
7. 2 KNUCKLE.
VI. Containing Heterogeneows Interval parts, called INWARDS, En-

Hollows and oblong; for the conveyance of the \|Nourifbment: ot of the Breath.
\{GULLET.
1. \(\{\) WIND-PIPE, Rough Artery, Weafand.

Malfie and more folid; within the Breaft; for || Blond-making : or Breathing.
\{HEART, Cordial, Core, Pericardium.
2. \(\{\) LUNGS, Lights.

Thin and broad; for partition ||tranfverfe, betwixt the upper and lower Belly: or direct, betwixt the Lobes of the Lungs.
3. \(\left\{\begin{array}{l}\text { DIA } \\ \text { MEDIASAGM, }\end{array}\right.\)
3. \{MEDIASTINE.

Lower; diftinguifhable
both by their Shapes and Ufes.
Hollowo ; \| woide, hut not long, for containing and digefting of Food: long, but not roide, for conveying of the Food and Excrement. S STOMACH, Maw, Paunch, Ventricle,Cram, Crop, Gorge, Pouch, 4. \(\{\) Gizzard, Tripe.

GUT, Entrails, Bowels, Garbage, Cbitterling, Colon.
Malfie and folid; for feparating of \|Chaler: or of Melancboly.
\(\{\) LIVER, Hepatic.
5. SPLLEEN, . Milt.

Thiniand broad, by mbich the Guts are \|consecifed: or covered. 6. \(\left\{\begin{array}{l}\text { MESENTERY. } \\ \text { CAUL, Kell. }\end{array}\right.\)
[By their Ules alone, as being for
Separating the Vrine: or containing the Urine or the Gall.
\(7 .\{\) KIDNEY, Reins.
7. BLADDER, Veficle.

Generation; denoting \(\|\) the parts for Generation : or the Glandules for preparing tbe sperm.
8. \(\{\) PRIVITIES, Genitals, Pizzle, Yard, Fore.skin, Prepuce. 8. \{TESTICLE, stone, geld, Spay, Ennuch*

Conception in Females, namely, the part containing the Fretus.
9. WOMB, Mother, Matrix, byferical, wterime.

\section*{CHAP. VII.}

Concerring the Predicament of Quantity, viz. I. Magnitude. II. Space; and III. Meafure.

THe chief notions belonging to the Predica- MAGNITUDE. ment of \(\mathbb{Q u}^{\text {uantity }}\) are reducible to thefe SPACE. general Heads; MEASURE.

\section*{Of MAGNITUDE.}

The word MAGNITUDE is intended to fignifie all the notions of continued Quantity: to which may be adjoyned by way of affinity the word EXTENSION, by which is meant that kind of Quantity whereby a thing is faid to have partemi extra partem, one part out of another, being the fame thing with the former under another Confideration:

Magnitudes are diftinguifhable according to their
SDIMENSIONS. I.
\{MUTUAL RELATIONS to one another. H.
AFFECTIONS, in refpect of Figure; whether
SSIMPLE. III.
\(\{\) compound; either
\(\begin{cases}\text { LINEARY: } & \text { IV. } \\ \text { PLANARY. } & \text { V. } \\ \text { SOLIDARY. } & \text { VI. }\end{cases}\)

As for Oration, which is enumerated in the ufual Syftems as one of the Species of Quantity; that is now by common confent acknowledged to be very improperly friled Quantity; and therefore it is left out here, and referred to another place.
I. That kind of Quantity mbereby the Magnitnde of Bodies is to be mea- 1. Dingi:: fured, is called DIMENSION. To which may be adjoined upon account sION: of Affinity, That notion of Quantity, robereby a thing is capable of being Jes parated into feveral parts, DIVISION, diftribute,part.

Dimenfoons are of a four-fold difference.
The leaft of Magnitudes, fo ftyled by thofe who write de Indivifibilibus, as being in their account infinitely little.
1. POINT, Prick, Tittle; rundilio, Ace, Fot, Whit.

The fecond kind defcribed by the finx of a point, or compofed of infinite fuch points, is ftyled.
2. LINE, delineate, rule.

The third, defcribed by the draught of a line, or compofed of infinite fuch lines.
3. SUPERFICIFS, Plain, surface. To which may be annexed, that more particular notion of 'superficies, called AREA, Plot, Bed, Page.

The fourth, defcribed by the lifting up a superficies, or compofed of infi-
4. SOLID, Body, Bulk. (nite Superficies.'

By thefe may be exprefs'd thofe Algebraical notions of Abfolute, Lineary: 2uadratic, Cubic; and fo, continuing this Table, 2uadrato-2uadratic, Quacrato-Cubic,Cubo-Cubic, Quadrato-Cubo-Cubic,\&xcas far as one pleafes.:
II. The
ii. Muir. AL FLA-IONS-
II. The MUTUAL RELATIONS of one Dimenfion to another are cither of
Point to line; as being either in \|the midIS: or extremities of it.
1. \(\{\) CENTER.
\&POLE, Zenith, Nadyr.
Point to Lines, or Line to Plains; which do mutually \(\|\) either meet : or intersect.
SVERTEX.
2. \(\{\) INTERSECTION, Cut.

Line to Plain; or Plain to Solid.
Angular ; being \|either in the mid 57: or the extremities of it.
DIAGONAL.
3. \(\mathrm{SSIDE}^{\text {SID }}\)
(Round; being either
Extern; \|tonching: or cutting it.

Intern;
(Central; \|either more general, palling from gide to fade: or particularly that which paffes from Pole to Pole.
SDIAMETER, Ray.
- AXIS.

Not central; \(\|\) either from Periphery to Diameter: or from Poripbery to Periphery.
6. STINE.
. 2 CHORD.
Line to Line, Plain to Plain, or Solid to Solid; having
\{Bare respect to one another in regard of
[Diftance; || either being equidiftant : or elferemoving farther: or approaching nearer.
7, \(\left\{\begin{array}{l}\text { PARALLEL. } \\ \text { SDIVERGING, Reclining. }\end{array}\right.\)〔CONVER GING, inclining. Position; making an Angle, oblique: or right : or parallel.
8. \(\left\{\begin{array}{c}\text { OBLIQUE, a-skue, a- Rope, awry, Declivity, Solving, Jaunt, } \\ \text { Splay, slue, ope, rory, Jeep, incline, lean, }\end{array}\right.\)
8. \(\left\{\begin{array}{l}\text { Splay, slue, ope, wry, Sleep, incline, lean, glance, frag, *- }\end{array}\right.\) Squint, leer.
(DIRECT, Erect, upright, perpendicular, advance, precipitate, \(\{\) headlong, downright, up an end, foot up, prick up.
\{TRANSVERSE, Crop, overthwart, thwart, traverfe, point(blank.
Mutual Contact || either returning from the other: or cutting through the other.

\author{
\(\{\) REFLECTED, Bound, rebound, recoil, repercufion, revere9. \(\left\{\begin{array}{c}\text { REFLECTED, } \\ \text { berate, rebuff. } \\ \text { REFRACTED. }\end{array}\right.\)
}
III. To
III. To the Affections of Magmitudes, in refpect of more SIMPLE iU. Simple FIGURE, may be adjoyned the general notion of FIGURE, shape, Fea turie, Fafbion, Form, Frame, Scheme, Lincameint, the Ntake, well fet, or pra portioned, transform, transfiyure, deface, disfigure.

Thefe Affections may be diftinguilhed in:o fuch as belong
Oncly to Lime's drazon from point to point; \#the meareft way: or not the neareft way
1. SSTRAIGHTNESS, Right, direc̈t, point-blank.
\{CROOKEDNESS, \({ }^{\circ}\) Curve, a-mry, booked, bow, bend, wory, embow, moinding, indirect, fetcb a compaß.
To lines and Plains; whether confidered
Abfolutely; in
iGeneral; contained mithin \|one line, whofe every part is equally diftant from the fame Center : or three or more limes, whofe extremities touch one another.
CCIRCLE, Periphery, Circumference, environ, encircle, furround,
2. Ring, Rundie, Epicycle.

ANGLE, Cornér, Coyn, Nook, Elbod, Polygon.
special; of the Angulir, \|whether of ninety degrees : or more: or le \(\beta\).
\{ RIGHT ANGLE.
3. \(\left\{\begin{array}{l}\text { KIGHT AN LLE. } \\ \text { SOBTUSE, blunt, dull, }\end{array}\right.\) ¿ACUTE, Barp, keew, whet.
Reffectively; in Bodies mbole fuperficies is compofed || either all of ftraight lines: or of lines bending in the midft, outward sor inwoard.
4. \(\left\{\begin{array}{l}\text { PLAIN, level, flat, even. } \\ \text { SCONVEX, prossinent }\end{array}\right.\)
\(\left\{\begin{array}{l}\text { CONVE X, prowsinent, gibbows, protuberant, türgid, embowed. } \\ \text { CONCAVE, Hollow, Cavity, pit, Hole. }\end{array}\right.\) \{CONCAVE, Hollow, Cavity, Pit, Hole.
To Plains or Solids, of
(Simple Figure ; wboje Juperficies is \|Circular: or Angular of equal fides. \{SPHERE, Orb, Globe, Ball, Bullet, Rownd, Bullet, Pomander, Pom5. \(\left\{\begin{array}{l}\text { mel, Bede } \\ \text { CUBE, Dy. }\end{array}\right.\)

Mixed Figures; defrribed either by the
Lifting up \(\| \rho f\) a Circle: or of an Augularplain.
6. \(\{\) CYLINDER; Bar, Column, Cam, Cannon, Role. 6. \{PRISMI, Bar, Wedge.

Laying on, in progrelfion from a Point, infinite Plains \|circular!'s or angular.
7. \(\left\{\begin{array}{l}\text { CONE, Taper, spire, steeple, shaft, Pinnacle. } \\ \text { PTRAMID, Spire, Steeple, sbaft, Pinnacle, Obelisk. }\end{array}\right.\)

To Lines, or Plains, or Solids; denoting either
The different Sections of a Cone, being cut \|either parallel to the fides of it : or befides the Parallel eithersway.
8. \(\left\{\begin{array}{l}\text { PARABOLA -icall. } \\ \text { SHYPERBOLE. } \\ \text { ELLIPSIS, oval. }\end{array}\right.\)

The revolution of a Line about \(\|\) a Cone: or Cylinder.
SSPIRAL, serpentine, turbinated, wreath, coyling, wornt. 9. \{HELIX, Winding.
17. Com: pound Tisuras II-
IV. COMPOUND FIGURES of Magnitude LINEARY by uncle. fed Lines, are either
- More simple; by

SOne Line; whether \(\|\) Solid: or below.
1. SPIN, Gad, Nail, Peg, Tag, Tack, Tenter. Needle, Probe.
1. \(\{\) HOLE, Hollow, Pore, Vent, Meafh, Orifice, Meufe, punch, perforate, run thorough.
Two lines;
The end of one meeting with the end of the other ; || either cosvex : or concave.
(sharp;
\(\int\) TOOTH, Cusp, Point, Neb, scrag, Tine, Tenon, Cog, engrail, indented.
(NOTCH, Nick, Nock, cremated, Gap, batcht, inveck, indented. Blunt.
[PROTUBERANCE, Prominence, Proceß,Stud, Boo, Excrescence, Gibbous, Crwap, Bunch, Knob, Rub, jutting, rifind, tuberous, Standing out, flick out, goggle, copped, turgid, Brow, Hillock, Knob, Knot, Node, Crags, Scrag, Lobe, gorbellied, heave, Joel, Strut. DENT, Dimple, sinking, Dock, Creafe, indent, Hole, Pit.
'The end of one with the midft of the other meeting: or the midst of one with the midft of the other cutting.
4. \(\left\{\begin{array}{l}\text { FIGURE of the letter T, Crutch. } \\ \text { CROSS, }\end{array}\right.\)
4. 2 CROSS, Decu/fation, athwart, Turn•Jile.

Three Lines; at
(Several points making Angles; either \(\|\) on the fame file: or on divcr fades.
STAPLE.
5. 2 WINDLE
.The fame point ||meeting, or cutting; which is applicable likewife to more lines then three.
6. \(\left\{\begin{array}{l}\text { TUFT, Lock, Tafilelt, Trifles, Thrum, Haffack, Nap, Rug, Fringe. } \\ \text { ASTERISC }\end{array}\right.\) \&ASTERISC.
More Compounded;
\({ }^{[ }\)Distinctly;
Sin \(\|\) with ver \(\int a t i l\) Pin : or with verfatil Lamiw.
\(\left\{\begin{array}{l}\text { 7. }\left\{\begin{array}{l}\text { WHIP, Flail, scourge. } \\ \text { FLAG, Fane, Banroll, Penon. }\end{array} .\right.\end{array}\right.\)
(Pin || with Tooth or Protuberance, \&c. or with Notch or Dent.
8. \(\left\{\begin{array}{l}\text { HOOK, Crook, Clap PD, Half, Watches, Flook, Tenter, Cramp-iron. } \\ \text { FORK, Prong, horned. }\end{array}\right.\)

IMixedly, with forme kind of Alternation; || either with Protuberance and Dent : or with staple and its revere \(\int\) e. 9. \(\left\{\begin{array}{l}\text { UNDULATED, waved, minding. } \\ \text { CRENATED, Battlement. }\end{array}\right.\)
V. Come
Chap. VII. Magnitude: 185
.V. Compound Figures of Magnitude PLANARY, expreffible by clo- v. Comfed Lines, may be diftinguifhed into fuch as do either

Straight; either of three: or of four Angles.
1. \(\left\{\begin{array}{l}\text { TRIANGLE. } \\ \text { SCUARE, 2nadrangte, } 2 \text { nadrate, Diamond figure, Rhomb-oid, }\end{array}\right.\) Lozenge, Parallellogram.
\{Curve; either || Round: or Oblong.
2. SRING, Ferule, Hoop, Annulet, Collet, Rundle, Rowel.
¿LOOP, Button-bole, Eye, Link, Noofe, Halter.
[Mixed; being either || part of a Ring with one ftraight : or a mbo.'e" Ring with feveral Diameters.
\(\left\{\begin{array}{l}\text { BOW. } \\ \text { WHEEL }\end{array}\right.\)
Conffe in being superficies; as the precedent Figures fluxed into breadth:
So the Flux of a
Pin: or a Hole, do make
4. \(\left\{\begin{array}{l}\text { LAMIN, Flake, Leaf, Board, Plank, Lath, Plate, Scbedule, Scrolé, } \\ \text { sheet, Wafer, Cake, Leam }{ }^{\circ} \text {, Flap, Label, Coit. }\end{array}\right.\)
split, slit, Loop-hole, cleave, fpring a leak.
The FIGURET or Cropand Aferifc, do make
5. STRESSEL, Table.

Cuß : or Notch, do make.
6. SEDG, sharp.

C
Protuberance : and Dent.
7. \(\begin{aligned} & \text { RRIDGE, Bank, Dam, Bridg, Edg, Ledg. } \\ & \text { FVRROW, Ditcb? Dike K, }\end{aligned}\)
7. ¿FVRROW, Ditch,' Dike, Kennel, Cbannel, Foß, Trench, Dock; Drein, Cut,Dimplegrivel, sbrivel,Wrinkle, rumple, pucker, Pleit
staple and Windie
8. \(\left\{\begin{array}{l}\text { SFORM. } \\ \text { STEP, Grees. }\end{array}\right.\)

Square and Ring.
9. \(\left\{\begin{array}{l}\text { TUBE SQUARE. } \\ \text { TUBE ROUND, or Pipe, spout, Trunck, Timnel. }\end{array}\right.\)
186. Space. Part. II

71 Com. pound \(\mathbf{F i}\) gures' SOLIDARY.
VI. Compowad Figires of Magnitude Solidiary, may be diftinguifhed into fuch as are either
\(\left[\begin{array}{c}\text { Intern; denoting the inner parts of a Magnitude to be \|either full of } \\ \text { forall Cavities: or to be onegreat Cavity: or to have no Cuvity. . }\end{array}\right.\)
1. \(\left\{\right.\) POROUSNESS, spungine \(\beta_{\text {. fungous, finking, bollow. }}\)
1. \(\left\{\begin{array}{l}\text { HOLLOWNESS, Cavity, concave, Grot, Cave, Den. }\end{array}\right.\)
2. \(\left\{\begin{array}{l}\text { MASSINESS, folid, Bulk. }\end{array}\right.\)

Extern; compounded either of
[sphere or Cube, with \|| Cylinder: or with Cone.
2. \(\left\{\begin{array}{l}\text { BOTTLE, Button, Bolt-bead. } \\ \text { PIN, beaded. }\end{array}\right.\)

Cylinder or Prifm, with
Diver \(\int\) e Figures; whether \|Cube and Pyramid : or Cone and Pyramid.
3. \(\left\{\begin{array}{l}\text { PEDESTAL: } \\ \text { TURR }\end{array}\right.\)

Another of the fame kind; either \|perpendicular: or tranfuerfe. SGUDGEON.
4. \{MALLET.

Gone with Cone; having \|Bafe do Bafe : or Vertex io Vertex.
5. SBUOY FIGURE.
5. \{HOUR-GLASS FIGURE.

Elliptic ; reprefenting the figure of a Sphere crufhed, \|either abowt the midft by a Hoop: or at the ends by two oppofite Plains.
6. \(\left\{\begin{array}{l}\text { OVAL, Elliptical. } \\ \text { BOWL. }\end{array}\right.\)

Spirals : or Helixes.
7. \(\{\) BOTTOM, clue, glomerate, wind about:
7. 2 SKEIN, Hanke, Reel.

\section*{Of SPACE.}
8. II. FWe word SPACE, scope, Room, Compaß, Interim, Interval, (according to the common ufe of it ) is a name importing the more general notion of that wherein any thing is contained or done;

1. Tmai. I. By TIME, Tradt, Tide, Proceß, opportunity, Seafon, Contimuance, is meant continued fucceffive Quantity, having for its common term, INSTANT, Moment, Trice, Nick.

This is diftinguifhable according to the
Simple differences of it.
1. \(\left\{\begin{array}{l}\text { PRESENT, at this time, now, immediately, inftantly, current, ready. } \\ \text { PAST, expired, }\end{array}\right.\)
\(\{\) PAST, expired, former, fore-going, ago, already, even now, beretofore, gone, over, out, a-late, erextbile, long lince.
LFVIVRE, time to come, after-time, bereafter, prefently, anon; by and by, fortly, fraitway, ere long, benceforth, proceß of time, after a long while.

\({ }_{2}\) fay,
nnial,
qfient;
one.
4mons
etude:
time:
Dajes.
anon;
or not

The
Q. II. Fri:
1. TMMI I. E meant STAN
            Thi
\(\left[\begin{array}{r}\text { simp } \\ 1+ \\ \vdots\end{array}\right.\)


LMixed relations of it.
\{Comparative; betwirt
The Exifings of feveral things; whether||botb together in the fame time: or whether in diverfe times, fo that one is before or after the other.
\(\left\{\begin{array}{l}\text { SIMULTANEOUS, of the fame time, Synchroni fme contemporary, } \\ \text { compatible, confft, together, concomitant. }\end{array}\right.\)
(PRECEDING, antecedent, former, foregoing, previous, Priority,before, takeplace, get the fart, Predecef. for, premife. SVCCEEDING, latter, Poferiority, fuccedaneours; binder, follow, go after, skcceffor.
The Confiderations of the fame thing at feveral times; whether
- Paff \(; \|\) little : or mach.

SEWNESS, Renovation, innovate, renerp, anein, Neoteric, Neos:
3. \(\left\{\begin{array}{l}\text { phyte, novel, Novice, Puny, modern, frefor apfart, green, late, },\end{array}\right.\) laft, a little wobilc ago.
OLDNESS, ancient, Antiquity, prijtin, Fenior, fate, inveterate; of lang fanding, yore, obfolete, aww of date, a long while age. Futkre; \(\|\) lititle: or mucb

SOONNESS, fudden, early, rath, betimes,fortbwith, /hortly, pre-- Sently, efffoon, quickly, in a trice, ont of hand, imminent, immedi4. ate, incontinent, inftant, ready, anticipate, accelerate, put on, rid way, in the turning of \(\subset\) band, twinckling of an eye, timely, Jpeedily, in baft, after a little time.
LLATENESS, tardy, laft, adjourn, defer, delay,put off, out of date, dilatory, procraftinate, prolong, prorogne, protract, reffite, retard, after Abfolute;
(a long wbile, far in the day. PParticular;
(Determinate ; expreffing \|at what time a thing was:or from whence 5. §EPOCHA, Hegira.

Indeterminate ; expreffing only the
Continuing of it; \|a sreat: or little time.
SPERMANENCY, Lafting, abiding, continuing, durable \({ }_{2}\) fay, 6. - temain, perfevere, enduring, incefant, indelible, perennial, tedions, bold out, of fanding.
TRANSITORINESS, fading, flitting, frail, glance, tranfent, temporary, foort, for afirt, for a little wbile, quickly gone.
Recurring of it; || many: or fem times.
FREQUENCY, often, ever and anon, thic fe, common, 7. \(\left\{\begin{array}{l}\text { recourfe, refort. } \\ \text { SELDOMNES }\end{array}\right.\) SELDOMNESS, rare, fcarce,firange, umujual,thin,defnetudec Univerfal;
'Collecive; when a thing contimues \(\|\) throughout the whole time: or only Some intermediate parts of it.
 in any part of it.

\footnotetext{
SEVER NESS, Eternity,endleß, for ever and ever, always. 9. \(\sum_{\text {NELERNESS }}\), Bb 2
II. The
}
II. PLACE. II. The Space wherein any thing is contained, is called PLACE, Room, local, finding, nation, precinCt, et, put, pofition, lay, difpofe, pitch, plant Guns, diflocate, Prospect.

It is diftinguifhable, as the former, according to the more
(Simple differences of it; denoting that place; \(\|\) wherein we are: or out of which we are.
1. SPRESENCE, face to face, at band, here, hand to band, confront, rea-
1. \(\left\{\begin{array}{l}\text { ABSENCE, Mich, aw Day, non-refidence. }\end{array}\right.\)
( \(d y\), residence.
Mixed relations of it.
\{Comparative; betwixt the
Exiftence of Several things; \| whether both together in the fame place: or in divers places.
SCONTIGUITY, touch, contact, bit, joyn, clofe, grazing.
2. \(\{\) DISTANCE, off, keep off, bear off, fave off, way off, jet farther, flans away.
Consideration of Diftance or Place interposed, according to the differences of \(\|\) Little : or Much.
(NEARNESS, Vicinity, Propinquity, Proximity, nigh, next clofe, ad-
3. jacent, adjoyn, neighbour, imminent, impendent, immediate, ready at band, accoft, draw on, approach, at, by, bard-by, befdes, bithermoft. (REMOTENESS, far, fariber, aloof, wide of, diftant, outmoft, multiAbsolute;
(Determinate; expreffing what is the particular place \(\|\) to wobich a thing belongs: or whence it began.
SHOME, sсеже.
そRISE, Source, Country, Original, spring, Root. Indeterminate; exprefling only
(The taking up of || a great : or little place.
\(\left\{\right.\) 5. \(\begin{array}{l}\text { AMPLENESS, /spacious, large, burly, wide, waft. } \\ \text { NARROWNESS, clofe, fcantneß, fridneß, refrained. }\end{array}\)
The occurring in \(|\mid\) many: or few places.
6. SOBVIOLISNESS, common, rife, thick.
6. \(\begin{aligned} & \text { RARENESS, Seldom, farce, thin. }\end{aligned}\)
- Universal.

Collective; when a thing is continued \(\|\) throughout the mole place: or is only in forme parts of it.
i 7 SCONTINUANCE, produce, fubfft, along, close.
7 \{DISCONTINUANCE, by coasts, Jparfim, ceafe, pause, refit, leak off, intermit, interrupt.
Diftnoutive; when a thing is in !!every place: or none.
8. \(\left\{\begin{array}{l}\text { UBIQUITY, Omnipresence. } \\ \text { NVLLIBIETY. }\end{array}\right.\)
III. The
III. The mixed Notion made up of Pofition and Place, or the Applica. III. siruítion of the parts of a Body to the parts of Place, refpectively, is ftyled TION. SITUATION, Seat, fet, fite, lying, ftanding, pitch, plant, lofition, placing; to which may be annexed, by way of affinity, that refpect of the imagi-, nary face of a thing towards fome other thing or place, called VERGENCY, tending, leaning, inclining, banker, toward, upon that band, Rhombe.

Thefe are either more
General; refpecting \|t the Vniverfe : or the four chief terms of it.
SEAST Orient.
1. \{wEST, Occidental.
2. SNORTH, Septentrional, Artic.
\{sovtit, Meridional, Antarctic.
! Special; with relation to the feveral parts of any thing, confider'd asa
Line; the interjacent part:or thofe which are moft remote from each other.
3. \(\{\) MIDDLE, Intermediate, Mean, Core, Heart, Waft, vain body, 3. \(\begin{array}{r}\text { Noon, between both, Interim, Interval. }\end{array}\) EXTREME,Term, END, final, laft, extremity, ultimate, furceafe, laft, end, wtter, terminate, expire, in fine. wimof. (BEGINNING, Firft.
superficies; the outmoft parts of which, being confidered either with relation to the thing it felf: or fome other thing to which it is adjoyned, is commonly fyyled
SSIDE, Flank, Wing, Chaek, lateral, collateral, Limb, Rim, Brimi,
4. \(\left\{\begin{array}{l}\text { Brink, Edge-mife, Hem, Ridg, Skirt, Lift, Selvage, Welt, Gard; } \\ \text { Eaves, Battlement. }\end{array}\right.\) Eaves, Battlement.
(MARGIN, Limit, Marcheß, Eorder, Verge, Meer, Bound, Term; Front-ier, Land-mark, adjacent, abutt, confine, Purliew.
Body;
In qexeral; either as to fuch parts as are
SHigher : or Lowver.
\(\left\{\begin{array}{l}\text { SUPPER-SIDE, Ridge, above, vertical. }\end{array}\right.\)
Within: or Without.
6. SIN-SIDE, iñternal, intrinfecal, inward, inner, inmoft, intefiné; OUT-SIDE, external, extrinfecal, outpard, outmoft, utter, atmoft, surface, fuperficial, exterior, ambient.
Living Bodies; Specially men, with relation either to The Head: or Foot.
.7. \(\{\) TOP,Tip, Head, Crozpn, Upper end,Knap, Apex, Vertical, Chapiter:. .7. \{ воTTOM, Bafe, Lower end, Pedeftal, Foot, sole.
The Face: or Back.
8. \{FORE-PART, Front, Fłońtijpiece, Prow, Van-tguard, Vani-(HINDER-PART, Back, Rere, rereward, endorfe, laft, Poofj; Pofterior,
The right band: or left band.
9 \{RIGHT SIDE, Dexter, Starrbord.
9 \{LEFT sIDE, sinifter, Larrbord.

\section*{- Of MEASURE.}
0. III. THofe feveral relations of Quantity, mbereby men ufe to judge of the measure. SURE, Dimenfion, mete, furvey, Rule; to which the relative term of PROPORTION, Portion, Rate, Tax, Size, Scantling, Pittance, Sbare, Dofe, \(M e \beta\), Symetry, Avalogy, commenfurate, difpenfe, allot, adapt, is of fome -Affinity, fignifying an equality or fimilitude of the refpects that feveral things or quantities bave to ome another. They are diftinguifhable into fuch as refpect either
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MULTITUDE. I.
MAGNITUDE. II.
GRAVITY. III:
VALOR. IV.
Duration.
{More GENERALLY CONSIDERED. V.
{As RESTRAINED TO LIVING CREATURES. VI.

```
r. multitude.
I. To the Meafure whereby we judge of the MULTITUDE of things may be annexed NUMBER, emmmerate, reckon, compute, mufter, count, reciount, Tale: tell, Arithmetic, Cypbering. If the way of Numeration were now to be ftated, it would feem more convenient to determine the firt Period or Stand at the number Eight, and net at Ten; becaufe the way of Dichotomy or Bipartition being the nopt natural and eafie kind of Divifion,that Number is capable of this down to an Unite, and according to this fhould be the feveral denominations of all other kinds of Meafures, whether of Capacity, Gravity, Valor, Duration. So eight Farthings would make a Peny, eight Pence a Shilling, eight Shillings an Angel, eight Angels a Pound. So eight Grains thould make a Scruple, eight Scruples a Dram, eight Drams an Ounce, eight Ounces a Pound, ơc. But becaufe general cuffom hath already agreed upon the decimal way; therefore I thall not infift upon the change of it.

The different degrees of Number generally received, are thefe.
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[ONE, Ace, Unite, Once, Firf, Imprimis, single.
TWO, a Couple, a Brace, a Pair, a Yoke, Second-ly, Twice, Donble,
Twoofold, Bipartite.
THREE, ${ }^{a}$ Leafh, Ternary, Trey, Third-ly, Tertian, Thrice, Treble,
Threefold, Tripartite, Trine -ity.
FOUR, Fourth-ly, Qwartan, Quaternion, Fourfold, Quadruple, Qua-
drupartite. Quartile.
FIVE, Fifth-ly, Quintuple, Fivefold.
SIX, sixth - ly, sixfold, Sextuple, Sextile, semary.
SEVEN, Seventh -ly, Septuple, sevenfold.
EIGHT, Eighth-ly, ocuple, Eightfold.
NINE, Ninth -ly, Ninefold.

```

How other numbers befides thefe here enumerated may be expreffed both in writing and \(J\) peech, fee hereafter, Chap.
II. Meafures
II. Meafures of Magnitude do comprehend both thofe of Length,and ii. MAGNiof Superficies or Area, together with thofe of Solidity; both compre- TUDE. hended in that which is adjayned, viz. the word CAPACITY, bold, rontain. The feveral Nations of the World do not more differ in their Languages, then in the various kinds and proportions. of thefe Meafures. And it is not without great difficulty, that the Meafures obferved by all thofe different Nations who traffick together, are reduced to that which is commonly known and received by any one of them ; which labour would be much abbreviated, if they were all of them fixed to any one certain Standard. To which purpofe, it were moft delirable to filld out fome natural standard, or wniverfal Mfeafure, which hath been efteemed by Learned men as one of the defiderata in Philofophy. If this could bee done in Longitude, the other Meafures might be eafily fixed from thence.

This was heretofore aimed at and endeavoured after in all thofe various Meafures, derived from natural things, though none of them do fufficiently anfwer this end. As for that of a Barly corn, which is made the common ground and original of the reft, the magnitwde and meight of it may be fo various in feveral times and places, as will render it incapable of ferving for this purpofe; which is true likewife of thofe other Meafures, an Inch, Palm, Span, Cubit, Fatbom, a Foot, Face; \&c. none of which cap be determined to any fufficient certainty.
Some have conceived that this might be better done by fubdividing a Degree upon the Earth: But there would be fo much difficulty and uncer: tainty in this way as would render it unpracticable. Others have thought, it might be derived from the 2 थick-filver experiment: But the unequal gravity and thicknefs of the Atmoffbere, together with the various \(t \mathrm{~cm}\) pers of Air in feveral places and reafons, would expole that alfo to much uncertainty.
The moft probable way for the effecting of this, is that which was firtt faggefted by Dotor Cbriflopher Wrens, namely, by Vibration of a Pendwlum: Time it felf being a natural Meafure, depending upon a revolution of the Heaven or the Earth, which is fuppofed to be every-where equal and uniform. If any way could be found out to make Longitude commenfurable to Time, this might be the foundation of a natwal standard. In order to which,

Let there be a folid Ball exactly round, of fome of the heavieft metals : Let there be a String to hang it upon, the fmalleft, limbereft, and leaft fubject to retch : Let this Ball be fufpended by this String,being extended to fuch a length, that the fpace of every Vibration may be equarto a fecond Minute of time, the String being, by frequent trials, either lengthned or fhortned, till it attain to this equality : Thefe Vibrations fhould be the fmalleft, that can laft a fufficient fpace of time, to afford a confiderable number of them, either 6, or 500 at leaft; for which end, its paffing an arch of five or fix degrees at the firft, may be fufficient: The Pendulumi being fo ordered as to have every one of its Vibrations equal to a fecond minute of time, which is to be adjufted with much care and exactnefs; then meafure the length of this String, from its place of furpenfion to the Centre of the Ball; which Meafure ctuuft be taken as it hangs free in its perpendicular pofture, and not otherwife, becaufe of ftretching: whichbeing done, there are given thefe two Lengths, viz. of the String, and of the Radius of the Ball, to which a third Propertional muft be tound out;
which mult be, as the length of the String from the point of Su fpenition to the Centre of the Ball is to the Radius of the Ball, fo muft the faid Radius be to this third : which being fo found, let two fifths of this third Proportional be fet off from the Centre downwards, and that will give the Meafure defired. And this (according to the difcovery and obfervation of thofe two excellent perfons, the Lord Vifcount Browncker, Prefident of the Royal Society, and Mon. Huygens,a worthy Member of it) will prove to be 38 Rhimland Inches, or (which is all one) 39 Inches and a quarter, according to our London Standard.

Let this Length therefore be called the Standard; let one Tenth of it be called a Foot; one Tenth of a Foot, an Inch; one Tenth of an Inch, a Line. And fo upward,Ten Standards fhould be a Pearch; T'en Pearches, a Furlong; Ten Furlongs, a Mile; Ten Miles, a League, \&c.

And fo for Meafures of Capacity: The cubical content of this Standard may be called the Bufoel: the Tenth part of the Bufhel, the Peck; the Tenth part of a Peck, a Quart; and the Tenth of that, a Pint,\&cc. And fo for as many other Meafures upwards as ihall be thought expedient for ufe.

As for Meafures of Weight; Let this cubical content of diftilled Rainwater be the Hundred; the Tenth part of that, a Stone; the Tenth part of a Stone, a Pound; the Tenth of a Pound, an Ounce; the Tenth of an Ounce, a Dram; the Tenth of a Dram,a Scruple ; the Tenth of a Scruple,a Grain, \&c. And fo upwards; Ten of thefe cubical Meafures may be called a Thoufand, and Ten of thefe Thoufand may be called a Tun, \&c.

As for the Meafures of Mony, 'tis requifite that they fhould be determined by the different Quantities of thofe two natural Metals which are the moft ufual materials of it, viz. Gold and silver, confidered in their Purity without any allay. A Cube of this Standard of either of thefe Metals may be ftyled a Thoufand or a Talent of each; the Tenth part of this woight, a Hundred; the Tenth of a Hundred, a Pound; the Tenth of a Pound, an Augel; the Tenth of an Angel, a sbilling; the Tenth of a Shilling, a Peny; the Tenth of a Peny, a Farthing.

I mention thefe particulars, not out of any hope or expectation that the World will ever make ufe of them, but only to fhew the poffibility of reducing all Meafures to one determined certainty.

Thefe meafures of MAGNITUDE (to which may be annexed the Notion of CONTENT) may be reduced to thefe Heads.
1 Line.
2 INCH.
3 FOOT.
4 STANDARD.
5 PEARCH.

6 FURLONG.
7 MILE.
8 LEAGUE.
9 DEGREE.
Each of which is applicable either to Longitude,"Area, or Bulk: the laft of which comprehends the Meafures of Capacity.
III. GRAVI. III. Meafures of GRAVITY (to which may be annexed for affinity TY. the thing by which Grazity is meafured, fyled WEIGHT, Poize, connterpoife, Plummet, \({ }^{2}\) may be diftributed into thefe kinds.

1 GRAIN.
2 SCRUPLE.
3 DRAM.
4 OUNCE.
5. POUND.

6 STONE
7 HUNDRED.
8 THOUSAND.
9 TUN.
Chap. VII. Meafure. \(193^{4}\)
IV. The Gradual differences of that common Meafure of the VA- iv. vasdr. LUATION or werth of all vendible things (to which may be adjoyned that which is ufed as this common Meafjure, ftyled MONY, Cafb, Coin, Bank, Treafure, pecuniary, Mint, Stamp, Medal, Connter, Fur \(\mathcal{f}_{\rho}\) ) may be diftinguifhed into
1 FARTHING,Dodkin.
2 PENY.
3 SHILLING.
5 POUND.
6 HUNDRED.
7 THOUSAND.
4 ANGEL.
V. Unto the Meafure of TIME may be adjoyned for its affinity the V . Trike. word which fignifies the Permanency of any thing in its exiftence, from its beginning to its end, DURATION, abide, contisue, perffe, endure, bold out, laft long, perfeverc, everlafting, furvive.

Time is ufually diftributed by the Revolution of the heavenly Bodies, or rather of the Earth and Mooion, into fuch Spaces as are required to is revelution of the
Earthin its Orb; according to the
Swhole
\{1. YEAR, Twolvemouth, Anniverfar'y, Annikal, Biennial, \&c.
Parts; confiderable as being the proper feafons for the
Growoth and ripening of Vegetables.
\(\{2 .\{\) SPRING, Vernal.
2. \(\{\) SUMMMER.

Decaying of Vegetables, accordingto\|a leffer: or greater degree.
3. SAUTUMN, Fall of the Leaf, Harvef.
3. ¿WINTER, Hybernal, hyemal.

Moon in its own proper courfe about the Earth: to which may be adjoyned the ufual name given to the fourth part of this.
4. SMONTH, Menfirwal.
4. ¿WEEK, Sennight, Fortnight.

Earth abowt its Axis; according to the
\(\left\{\begin{array}{l}\text { Whole } \\ \text { 5. DAY NATURAL, }\end{array}\right.\)
5. DAY NATURAL, Quotidiart.
arts;
Groater;
Time while the sur contininés \(\|\) above: or belon the Horizon.
6. SDAY ARTIFICIAL, Dinrnal.
6. ¿NIGHT, Nocturnal, Pernoctation, lodge.,

Part of the day artificial, || former: or later.
7. SMORNING, Mattins, early, dawning, betimes:
7. 2 AFTERNOON, Evening.

LLefer parts of time; being each of them \(\|\) the \(24^{\text {th }}\) part of a nativral day, called an Hour : or the \(6 c^{\text {th }}\) part of an hour.
8. \(\left\{\begin{array}{l}\text { HOUR, Horary. } \\ \text { MINUTE. }\end{array}\right.\)
VI. Life-time, or the AGE of LIVING Creatures, (as particularly applied to Men, to which there is fomething anfwerable in other Animals; to which may be adjoyned the word SECULUM, Age, Eftate, Generation, ) is,according to common ufe, diftinguifhed by fuch Terms as do denote the gradual differences of it.
[The firft andmoft imperfect State, when \|deftitute of the ufe of reafon: or baving, but little wfe of it. comprehending the two firt tea years.
\{INFANCY, Babe, cibild, cub.
1. \{GHILDHOOD, Boy, Girl, Wench, green years.

The lefs imperfeit Age, fubjedt to the fway of Palfions; \(\|\) either more, or Le \(\beta\), containing the third and fourth ten years.
2. \(\left\{\begin{array}{l}\text { ADOLESCENCY, adult, Lad, Sprimgal, Stripling, Youth, Laf, Da- }\end{array}\right.\) 2. \(\left\{\begin{array}{c}\text { mofel, Wench. } \\ \text { YOUTH }\end{array}\right.\)

The perfect Age as to the Body: or the declining Age of the Body, but mofz perfect for the Mind, tryled vergens ates, or the Age of Widdom; the former comprehending the face betwist the \(4^{\text {th }}\) and the \(5^{\text {th }}\), and the latter containing the fpace betwixt the \(5^{\text {th }}\) and the \(6 \mathrm{c}^{\text {th }}\) SMANHOOD, virile, middle age.
3. \(\{\) DECLINING AGE, eldicrly.

The laft and moft imperfect ige, by reafon of the decay of Vigor, which commonly happens both in Bedy and ARind, \|either according to the firft and better part of it: or the laft and moorf part of this State, reaching from the \(6 c^{\text {th }}\) to the \(7^{\text {th }}\), and from thence for the SOLD AGE.
(time after.
4. そDECREPII)NESS, Crome.

\section*{CHAP. VIII.}

Concerning the Predicament of Quality; the feveral Genus's belonging to it, namely, 1. Natural Power. II. Habit. III. Manners. IV. Senfible 'quality, V. Difeafe; mith the various Differences and species under each of thefe.

WHether many of thofe things now called 2uality, be not reducible to Motion and Figure, and the Situation ot the parts of Bodies, is a queftion which I thall not at prefent confider. 'Tis fufficient thatthe particulars here fecified are moft commonly known and apprehended under that notion asthey are here reprefented, and are fill like to be called by the fame names, whatever new Theory may be found out of the caufes of them.

The feveral Genus's under this Predicament are fuch kinds of Qualiis Internal; whether
(ties asare either

> SInate; NATURAL POWER.
> \{superinduced; confidered more

SGenerally; ftyled by the common name of HABIT.
Especially; with refpect to the cuftomary Actions of men confidered tExternal; denoting either
(as voluntary MANNERS.
\(\{\) Thofe more general affections of bodies which are the objects of
\(\left\{\begin{array}{l}\text { SENSIBLE QUALITY. } \\ \text { Thofe fpecial impotencies of living bodies, whereby they are difabled }\end{array}\right.\) SICKNESS.
(for their natural fupctions.
Chap. VIII. Natural Powper: 195

As for Figure, which by the common Theory is reduced under this Predicament, that, being a Qualification or Modification of Quantity, may more properly be referred thither.

\section*{Of NATURAL POWER.}

THofe kinds of Natural innate Qualities, pobereby things are rendred \$. I. able or inable to act or refigt, according to their peculiar natures, are Atyled SNATURAL POWERS, Faculty, Capacity, Endomment, Talent,Gift,Abi-
lity, Strength, Energy, Force, Virtue, may, can.
\{IMPOTENCIES, Difability, Incapacity, invalid, winable; weak, infirm; lame, dead.
Thefe Natural Powers may be diftributed into fuch as are
' FMore particular ; viz. the Faculties that are
SRATIONAL. I.
\(\{\) senfitive.
SINWARD. 1I:
そOUTWARD. III.
-More general; being either
SSPIRITUAL. IV.
\(\{\) corporcal; relating to the good of the
SiNDIVIDUUM. V. ¿SPECIES. VI.
1. Thofe Faculties whereby we are inabled to apprebend and compare the I. ratiogeneral natures of things as to Truth and Falfhood, Good and Evil, and to NAI FAdemean our felvesaccordingly towards them, are ftyled
SRATIONAL, Reafonable, Ratiocination.
\{IRRATIONAL, Unreafonrble, brutijh.
Thefe may be diftinguifhed into
[Apprehenfive; whereby we are rendred able or unable to
Knowo and apprehend knowable things, Generals as well as Particulars, refpecting in them Truth and Falhood.
SUNDERSTANDING, Intellect, Mind, mental, apprehend, compre-
1. bend, perceive, conceive, reach, refent, sentiment.

IIDIOTICALNESS, being as a natural Fool, Changeling, Innocent
\(\left\{\begin{array}{l}\text { Compound and compare Notions together, fo as to make a right eftí } \\ \text { mate of things and confequences. }\end{array}\right.\)
SJUDGMENT, Judiciows.
\{INJUDICIOUSNESS, simple, silly.
Apply general Principles to particular cafes, being a kind of practical Judgment or Memory relating to matters of Duty:
3. \(\left\{\begin{array}{l}\text { CONSCIENCE. } \\ \text { VNCONSCIONABLENESS, searedneß, Profigatere } S_{3}, m o r a l, \text { Infori- } \\ \text { fibility. }\end{array}\right.\)

Motive; whereby we do rationally follow any thing as good, or fly it as evil: or being without any fuch motion.
\(4 \cdot\left\{\begin{array}{l}\text { WILL, Defire, Liff, Option, Vote, } W \text { i } h_{9} \text {, Mind, Pleafure, covet, volun- } \\ \text { tary. }\end{array}\right.\) [ LISTLESNESS, wo mind to.
\[
\mathrm{Ce}_{2}
\]
II. INTER
11. INTER. NAL SlN. SES
II.. INTERNAL SENSES are fo ftyled, becaufe they belong to the interiour parts,and are converfant about internal and absent as well as pre. fent things. Whether there be any fuch real Faculties in the Soul as are mentioned under this and the preceding Head, is not here to be debated. 'Tis fufficient that common experience doth acquaint us with fuch various operations of the Mind, and that general cuftom hath agreed upon fuch names for the exprefling of them.

Thefe are likewife diftinguifhable into
TApprebenfive 3 whereby we are rendred able or nnable for the
Receiving of impreffions from the ontword Senfes.
CCOMMON SENSE, perceive, difcern, apprebend, sentiment, refent,
I. \(\left\{\begin{array}{l}\text { conceive, difcover, find. }\end{array}\right.\)
(STVPOR, Nuimneß, amaze,aftomiß,narcotic, amuze,afleep, fet on edge.
Componnding and comparing what is communicated from the outward Senfes.
2. \(\left\{\begin{array}{l}\text { PHANSIE, Imagination, Conceit, fantaftical, capriciows, Phantafmo } \\ \text { DOTAGE, }\end{array}\right.\)
2. \{DOTAGE, Delirium, Dizzard, Sot, bejot.
-Retaining fuch impreffions.
(MEMOR Y, recolledt,re-call, commemorate, remember, call or come to mind, put in mind, \(\sqrt{\text { wggeft, rccord, recount, con over, getting by heart, }}\)
3. \(\left\{\begin{array}{l}\text { by rote, mithout book, at ones fingers ends, metrorable, meinorial, }\end{array}\right.\) memorandum, mindful.
(FORGETFULNESS, Oblivion, Unmindfnineß, overflip.
[Notive; whereby, in order to our own Confervation, we follow or \(\dot{f}_{7}\) what is by the judgment of the Senfes reprefented as good or evil.
\{APPETITE, Defire,Inclination, Concupifcence, Stomach, Longing,
4. \(\left\{\begin{array}{c}\text { Luff, baving a mind to. } \\ \text { coATHING }\end{array}\right.\)

LOATHING, fulfome, nanfeate, glut, cloy, go againft, greafe, ,queamifh, woambling, qualm, deteft.
III. EXTER- III. EXTERNAI. SENSES are fo ftyled, becaufe they refide in the SES. SEN- exteriour parts of the body, and do apprehend only external prefent
[Commodious
(amongtt which fome arefaid to be
[For Difcipline; wobereby we difcern LLight and Colowr.

SIIGHT, Vijfon, View, ken, Optic,defcry, difcern, eßpie, ßpie,peep,prie; See,perceive, look upon, behoid, Glimppe, specia acle, spectiator, Inpedaion, Revife, Projpect, firft blufh, vifble, conficmons. (BLINDNESS, Dimneß, dark, poreblind, put out owes eyes, sounds.
2. SHEARING, attend, hearken, lifien, give ear, andible. - \{DEAFNESS, furd.

For the trial of our Food at a diftance.
3. SMELL, Odor, Savour, Sent, Pomander, Perfume.

Necefary for the.
> \(\left\{\begin{array}{l}\text { Immediate trial of our Food. } \\ \text { 4. TAST, Gujt, Savour, Retider }\end{array}\right.\)
> 4. TAST, Guft, Savonr, Relif,Smack, Smatch, Tang, toothfomy.
> perception of tangible things.
> 5. STOUCH, feel, contadt, taltile, palpable, grope.
> 5. ¿NUMNESS, Stupor, dead, tor pid, afleep.

Though common Language have not affixed particular names to the impotencies of fome of thefe, yet they ought to be provided for as well as the reft.
IV. Thofe
Chap. VIII. . Natural Powber. 197
IV. Thofe natural Habitudes of the Soul or Spirit which render it fit or IV. TRM. wnft for its proper functions, are flyled by that general name of TEM- PRR8 o PER -ature, -ament, Difiofition, spirit, Geniks, Fancy, Hussor, Vein, Quality, Condition, Comftitition, Nathre.

Thefe may be diftinguilhed into fuch as are more
[General; chiefly of neoral difpofition, denoting \|t the govdnef: or badncts of it.
SINGENUITY, Good natikre, Caindor, candid, free, liberal, clear.
1. \(\{\) DISINGENZITT, Ill nature, Perverfeneß, thivart, croß, frotoard, nntoard, wayward, amkward, refraCfery, wntraClable, ibilful, fuwbori, fil: den, dogged, furdy, Stiff, refizf.
particular; as to
AClion; denoting
Ability, or difadility; aptitude, or ineptitude for it.
SSRIGHTLINESS, Wit, Vivacity, ingeniow, brisk, lively, quick;

DULNESS, stupidity, groß- witted, bard-beaded,torpid, foft,thick. beavy, darle, dolt, Bbock-bead, Logger-bead, Dunce, Sot, indocils dreaming.
Attention: or levity of mind in it.
(SERIOUSNESS, earmeft, grave, Jober, ftaid, Jad, fubftantial, fo-
3. 3 lemr.
(WANTONNESS, lightzef, aiery, playward, gamefom, dallying Jportful, trifling, lafciviows, giddy, petulant, skittifh, toging, Ramp; Gigg, Rigg, Gambel
Aptitude or Ineptitude to moderate the
; Irafcible appetite.
GENTLENESS, Tameneß, Mildneß, Meekneß, Lenity, break, 4. \(\{\) reclaim, tame, comse to band.

FIERCENESS, Wildneß, Haggard, saroage, barbarow, cmrfneff? furly, eager, furiows, dire, fell, grim, rough, fource, heen, writamed.

5 \{RAPACITT, ravenom, voraciow, greedy, Harpy,devour, prejing. Ability or difability to attempt or reffe dificulties.
 6. \(\left\{\begin{array}{c}\text { ST } \\ \text { m } \\ \text { LAZNs. }\end{array}\right.\) LAZINESS, f Ag giff, lither, lurdeñ, Drone, dull, foft.
AAIon and Palfion, denoting an ability or difability to endure and hold out both in acting and fuffering.
7. \(\left\{\begin{array}{l}\text { HARDINESS, Tolerance, firenuow, robuft, frowt, } f \text { turd } y_{s} \text { indx: }\end{array}\right.\) 7. \(\left\{\begin{array}{l}\text { jtriows, painful. }\end{array}\right.\) NICENESS; Softnefs, Tendermefs, Delicatenefs, Curigfty, finc, Squeamifh, effeminate, finical, dainty.

จ. TEMPERS OF BODY FOR THE INDI. viDUUM.
V. Thofe CORPOREAL HABITUBES, whereby things are rendred able or umable to act or refift for the good of the INDIVIDUUM; State, Conflitution, Difpofition, Nature.

Thefe are diftinguifhable into fuch as concern,
(The juft number of the parts; \(\|\) baving all : or manting fome.
\(\therefore\) WHOLENESS, Intireneß, perfect, fafe.and Jound, tite, confolidate,
1. \(\left\{\begin{array}{l}\text { of one piece. }\end{array}\right.\)

MVTILOUSNESS, maimed, mamgle, lame, lopped, crippled. The nature of the whole or parts; being either i
[ Negative or Pofitive of
(Corruption.
2. SSOUNDNESS, Sanity, Heai'thineß, bail, beal, whole,clearnefs.
¿ROTTENNEES, Putridneß, Corruption, purulent,tainted,unfound,
moulder, feftered addle, Matter, rankle, fappurate, putrefie, Carrion Tronble to the fenfe of Feeling.

SINDOLENCE, Eafe, lenitive, relaxation, clearnefs, lighten.
\(\equiv-\{\) PAIN, Ach, ,mart, ail, anguilh, grief, ill at eafe, fore, pang, thro,torment, torture, ake, excruciate, twing, twitch: fret, gripe, gird', racking.
Poftive or Negative;
General; relating to the ftate of the body, \(\|\) good: or ill.
(VIGOR, Vivacity, thriving, vegetoiss, fluurifhing, lufty, lively;
4. \(\{\) Jprightly, florid, quick, frefh, im beart, in goodplight, in proof, pert, /mart, crank, furdy, revive.
DECAYING, confumse, wear, waft, drooping, fading, out of beart, flagging, languif, break, fail. going down, fall away, bring down or low, decline, impair, quail, abate, molder,pine, wpitber, perifh, spend, corrupt.
special; refpecting the
Plight of the flefby parts, \(|\mid\) full: or fparing.
\(\{\) FATNESS, plump.pampered, burly, corpu.ent, grofs, foggy, purfie, 5. \(\left\{\begin{array}{l}\text { battle. }\end{array}\right.\)

LEANNESS, macilent, meagre, Starveling, flue, poor,bare,,pare, thin, lank, gaunt, Rafcal, firaggy, ghaftly, pine, emaciate, fall appay, Carrion, skin and bone.
Figure and colour of the external parts, \(\|\) rights : or morong. BEAUTY-fulnefs, Handfomnefs, Pulchritude, Comelinefs, Ele6. \(\left\{\begin{array}{l}\text { gance, Decency, fair, goodly, woll.-favoured, feemly, polite, }\end{array}\right.\) quaint, pretty, graceful, lovely, perfonable.
DEFORMIIT, unbandfome, ill-favoured, ugly, uncomely, nisbecoming, thdecorum, abfurd, unfeemly, mijhapen, foul, fqualid, Hagg, deface, disfigure. Ability, or dijability for Action or Paflon.
\(\left\{\begin{array}{l}\text { STRENGTH, Force, Might, Validity, Pui (fance, robuff, Arenuows, }\end{array}\right.\)
7. \(\left\{\begin{array}{l}\text { foutt, furdy, in beart, main, corroborate, fortifie, recruit. }\end{array}\right.\)

WEAKNESS, Feeblenefs, Debility, Imbecillity, Infirmity, difabled, faint, languid, dead, frail, out of beart, beartlefs, flagging, invalid, mall, bring domn or low, encrvate, decline, onfeeble.

\section*{LAptitude or ineptitude for Mrotion,}
íIn a place.
\(\left\{\begin{array}{l}\text { 18. }\left\{\begin{array}{c}\text { AGILITY, Nimbleneß, ACIivity, Lightne } \beta, \text { volubility, quick; } \\ \text { dexterows, Mercurial, rcfive, handy, man of bis bands. } \\ \text { LVMPISHNESS, Unweildine } \beta \text {, dulne } \beta \text {, gro } \beta_{2} \text { beavy, purfie, } \\ \text { Lob, Lubber, slugg, Lozel. }\end{array}\right. \\ \text { To a place. }\end{array}\right.\)
SSWIFTNESS, Fleetneß, Celerity, speed, faf, apace, Sodain,
9. \(\left\{\begin{array}{l}\text { quick, rapid, hurry, accelerale, baften, curfory, by, expedite, }\end{array}\right.\) run, fend, wohisk, poft.
(SLOWNESS, Heavinefs, Jlacknefs, dull, slug, tardy, leijurely, Softhy, dilatory, retard, forefow, delay, Lob, Lubber, lumpijh, Lirdan, torpid, unmoieldy, gingerly.
VI. Such corporeal Habitudes as do concers the Propagation of the species, VI. TEM. do refer either to the
[Kizds of things apt for Propagation, according to the
SGeneral name. tion of
1. SEX, Kind, Gender, Epicene, Hermapbrodite. THE SPE. CIEs. Particular difribution intol| nore, or lefs noble.
2. \(\left\{\begin{array}{l}\text { MALE, mafculine, Buck, Bore, Dog, Gib, Cock, Ailter, He. } \\ \text { FEMALE, }\end{array}\right.\)

I Difof
Dißpofition of things || for, or againft Propagation.
3. \(\left\{\begin{array}{l}\text { FRUITFULNESS, fertile, }-i t y, ~ f e c u n d, ~ p r o l i f i c a l, ~ f r u l i f i e ; ~ r a n k ; ~\end{array}\right.\)

QBARRENNESS, sterility, Unfruitfulnefs, infertile, blafting, blite:
[State of things generated, when they il have attained the perfedion they ought to have : or elfe are in a fate of imperfection, by reafon of exceff, or defect.
4. \(\left\{\begin{array}{c}\text { RIPENESS, Maturity, mellown, Precocity, fale, hatch. } \\ \text { SOVER-RIPENESS, }\end{array}\right.\)

SOVER-RIPENESS, fading, decaying, withering.
VNRIPENESS, imbsature, green.

\section*{Of H ABIT.}
8. II. SUch fuperinduced 2ualities, whether infufed or acquired, whereby the natural Faculties are perfected, aṇd rendred more ready and vigorous in the exercife of their feveral Acts, according to the more or lefs perfect Degrees of them, are ftyled by the name of
SMABIT, Endowment, enure, qualific, Gift, Talext.
ZDISPOSITION, Propenfity, Proclivity, Promptitude, Pronenefs,Inclination, readinefs, given to, addiction, fitmefs: aptitude.
To the more general confideration of Habit may appertain
[Thofe States or Conditions of life which either reward or enable men for vertuous Actions; comprehending the
SENDS OR REWARD OF VERTUE. I. §INSTRUMENTS OF VERTUE. II.
Thofe 2 ualifications, which, though they are not properly Vertues, yet do prepare for, and difpofe unto, and, in other refpects, circumftantiate Vertue it felf, both in the Habit and operations of it, and are therefore fyled AFFECTIONS OF VERTUE, either
SINTELLECTUAL. III.
\{MORAL. IV.
[The Kinds of vertuous Habits, whether
SINFUSED, both Intellectual and Moral. V. ¿ACQUIRED INTELLECTLIAL. VI.
1. RE- I. Thofethings which are due to the merit of \|Vertue or Vice,are Atyled. OF VERtue.

SREWARD, Guerdon, Meed, Prize, Recompence.
之. PUNISHMENT, Penalty, Penante, Judgment, Plague,Vengeance,ixfict, suffer, impunity, fcotfree.
Thefe may be diftinguifbed into fuch as are either more
[General; viz. that ftate wherein a thing injoys as much perfection as it is capable of.
1. SHAAPPINESS Felicity, Blifs,Bleffednefs, Beatitude, good, meal, ppelfare.
1. \{MISERT, Unhappiqefs, Infelicity, Extremity, Calamity, FFoe, Dijtrefs, Difafter, Affliction, Tribulation, Trouble, Plague, Fudgment, Caitiff, Wretch, poor, pitiful, deplorable.
Particular; relating to the reward of
Moral Vertue; in the enjoyment of thofe things that conduce to our bene effe.
-Exiernal;
\{PROSPERITY, fiourifing, thriving, anfpicious, fortunate, bappy, goodiuck, Juccefs, fpeed.
LADVEKSTIT, Affiction, diftrefs, tribulation, crofs, dijafter, infolicity, fuffering, perfecution, durefs, fall, prefjure, mifchance, mifsap, mifadventure, misfortune, unfortunate, wnlufkie, wnprofperous, inaufpicious, finifter, difmal, ill luck or fuccefs.
Chap VIII. Habit. 20 i

LInternal; \|quiet, or difquiet of the Affections.
3. \(\left\{\begin{array}{c}\text { CONTENTATION, Trarquillity, Contentment, Serenity, Hearts: } \\ \text { eafe, Equanimity, Sedatenefs, Reft, be fatufied, acquiefce. }\end{array}\right.\)

ANXIETY, Dijcontent, thought taking, dump, trouble, anguijh, dij-
quiet, vexation, perplexity, freight, pinch.
Chriftian Vertues and Graces; conlifting in an everlating Vifion and Fruition of God.
4. SSALVATION, Beatifical Vifion, Heaven, Glory. 4. \{DAMNATIGN, Conidemnation.Hell,perdition.
II. The INSTRUMENTS OF VERTLIE, commonly fyled the in instru. Goods of Fortune, requifite to the due exercife of the Acts of many Ver. Ments or tues, and one kind of Reward belonging to it, do concern either
[Our Perfons, and the being at our own difpolal.
(LIBER TY, Freedom, at large, deliver, releafe, inlar \({ }_{\mathrm{B}} \mathrm{e}\), jet free, rid, dif-
I. \(\{\) patch, ranfom, redeem, manumife, emancipate, give one his bead, foope; arbitrary, undetermix'd, unconfined, may, may chufe.
( RESTRAINT, confine, freighten, repres.
Our Poffelfions; being either \|jufficient, or infufficient, for our occafions and conveniencies, according to that rank and ftation wherein we are placed. .
SRICHES, Wealth, Opulence, Pelf, Means, Fortünes, Eftate, thrive,
2. \(\left\{\begin{array}{l}\text { Treafure, make, enrich, worth, woll to pafs. }\end{array}\right.\)

POVERTTY, Nece(Jity, Penury, Indigence, Need, Want, poor, empoverift, ruine.
The futablenefs of the things which we have or do, and that fatisfaction which we receive by them.
SPLEASURE, Delight, Delectatiow, Enjoyment.
VNPLEASANTNESS, Grief, Trouble, dijpleafing.
Our Names, and the efteem we have amongft good men:
SREPUTATION, Credit, Countenance, Applaije, Namè,Hönour, Voguej report, Fame, redoubted, of Note, Glory, Renown, mell--ounding. IINF AMT, Difgrace,difcredit, difoonour, dijparage, defame, difcountenance, Bame, ignominy, Stein, Blot, Blemth, slur, ingloriows, illiberal, ignoble, notorious, ill reflexiọn, or found, or name.
Our Degrees; and the quality of our Conditions in relation to others; being either confiderably above them, or below them.
\[
\text { 5. }\left\{\begin{array}{c}
\text { DIGNITY, Promnotion, Preferment, Advancement, Honour, worßhip, } \\
\text { Greatnefs, State, Port, Title, preeminence, upper-band, High place, } \\
\text { raife, exalt, iluffriows. } \\
\text { MEANNESS, Lowne/s, Obfcurity, Bafenefs, Vilenefs,ignoble, plain, abafe; } \\
\text { debafe, degrade, Abjednefs. }
\end{array}\right.
\]

Our Ability to protedt our felves and others from injury, which is the ufu: al refult or confequent of the reft.
6. \(\left\{\begin{array}{l}\text { POWER -full, Potent-ate,Greatnefs, Interef, Strength, Might, Puif- } \\ \text { Sance, Mafery, Prevalence, Predominaince, over-fiway, rule -the } \\ \text { rof, bear aftroke. } \\ \text { IMIPOTENCE, weak, inconfiderable. }\end{array}\right.\)
III. AFFE- III. AFFECTIONS of INTELLECTUAL VERTUE, may be diCTIONS OF finguifhed by their reference to thofe two Faculties in the Ctual vertue.

Rational Soul, imployed for the gaining of Knowledge, vir.
Invention; which is \(\|\) rigbtly, or arongly difpofed by.
\(\left\{\begin{array}{l}\text { SAGACITY, Perficacity, sharpneß, Subtilty, Dexterity, Wit, clear, }\end{array}\right.\) quick, acute, fearching, piercing, docil, tomardly, apt, prompt.
DVLNESS, stupidity, Heavinefs, groß-mitted, indocil, dreaming, Dolt, Dunce, Blockbead.
Gudgment; which is || well diffofed, by fuch a temper of mind as doth incline a man to affent unto things upon fuch evidence as is in it felf fufficient : or ill difpofed, by fuch a temper as inclines a man either to afjent unto things upon fuch evidence as is infufficient, or not to afent upon fuch as is fufficient.
2. \(\left\{\right.\) FAITH, Docility, Teacbableneß, Towa dine \(\beta_{2}\) Aptne \(\beta\).
2. \(\left\{\begin{array}{l}\text { SAREDULITT, Eajineß, light or raßh of belief, facil. }\end{array}\right.\) ¿INCREDULITT, Unteachableneß, Untowardlineß, scepticalneß, scrupulownefs, V'nbelicf.
Senfitive Sonl, which are apt to hinder us from Knowledge.
Pphancy; which is \(\|\) well, or ill difpofed by
3. \(\{\) SOBRIETY, difcreet, grave, feriows, faid, fteddy, fettled, fage.
3. \{CONCEITEDNESS, Affectation, singularity; fantafical, vagary; wild, light, aiery, giddy, freakij, wobimfical, bair-brain'd, brain-fick, Humorift, Opiniafter.
Appstite; which is fitly regulated by our being concerned for any
Truth according to a due meafure; and not either more or leß then the ezidence and importance of it, doth require.
\{ MODERATION, Texper, Meafure, Gentle-nefs, qualife, reduce 4. \(\left\{\begin{array}{l}\text { MODERA } \\ \text { to }\end{array}\right.\) (SLIGHTNESS, slacknefs, negligence, remifsnefs, Neutrality, frigid, cold, indifferent, anconcerned, fatering, fuperficial, curfory, overly, perfunciory, faint.
FIERCENESS, Fanaticalnefs, vehemence, violence, eagerneff, earneft, furiows, beady, immoderate, dogmatical, opiniafter, . boilterous, rough \({ }_{2}\) our, keen.
Iv. Affe- IV. The Affections of MORAL and HOMILETICAL Vertues, do CTIONs of concern either
MORAL HO. 'The Temper and Frame of our Minds, as to their due
AND HO-
miletical
VERTUE.

Attention;
I. \(\left\{\begin{array}{l}\text { CONSIDERATION, Advijednefs, deliberate, ruminate, fore- } \\ \text { caft, of or on purpofe. }\end{array}\right.\)
1. \(\left\{\begin{array}{l}\text { caff, of or on purpofe. } \\ \text { con }\end{array}\right.\)

CUNCTATION, Loitering, Delay, Jack, trifling, linger, lag, while off, drive off, put off:
RASHNESS,Haftinef,Temerity, heady. bair-brain'd, fool-bardy, curfory, headlong, precipitate, unadvijed, incogitancy, inconfideratenefs, prefumption.
:Againft any kind of Evil, Danger or Impediment.
(HEEDFULNESS, Warineß, Care,Canteloufneß, Watchfulne \(\dot{\beta}\), ,At-
2. tention, Intention, Caution, minding, circumpeition, chary, vigi-
lant, cautions. Jhie, advijed, amare, beware, intend, look to or about,.
See to, take beed, be thoughtful, take thought, take warning, narron-
SCARKING, solicitude, Anxiety, over-thoughtful.
〔CARELESNESS, Hcedlefnefs,incogitancie, negligence flatering, Лightnc \(\beta\), lightree \(\beta\), fupineme \(\beta\), inconfiderate, ofcitation, overly, perfunctory, Superficial, fecure, unwary, retchlefs, cirfory,idle, Jothful, /uggardly, Jubbering, difolute, uncircumßect, hand over head, not regard, overflip.
Freedom and Readinefs of our Faculties about any thing.
\{ ALACRITY, Cbearyulneß, rcedine \(\beta\), formardne \(\beta\), with all ones beart,
3. \(\{\) with a good will, free; glad, promptneß, propenfity, rather.

GRUDGING, maunder, murmure, mintter, repine, regret, querulous; go againft, mith an ill ivill.
Reality of our Intentions, futable to our outward Pretences.
- SINCERITY, Uprightnefs, reality, cordialneß, beartineß, domnright,
4. \(\{\) boneft, plain, fimple, unfeigned, foinnd, clear, uncorrupt.

HYPOCRISIE, DiJImulation, donble tongue or heart, hollow-hearted;

The Vigoroufne \(\beta\) of our Endeazours in the profecution of fitting means.
(DILIGENCE, A/Jiduity, Sedulity, Induftry, Attextion, Care, Labour,
5. Study, inftant, elaborate, ply, beftir, fickle, lay about bim, earneft,indefatigable, takepains.
S DOVBLE DILIGENCE, overdoing, bufre, pragmatical, fain, wealing. \{sLOTH, Idlenefs, lazinefs, carelefsnefs, lither, loofe, ret chleff, dreaming, Drone, sluggard, Truant, loiter.
The 2)niverfality required to vertuous Actions, in refpeat of the Object.
6. SINTEGRITY, Honefty, intire, equal, impartial, incorrupt, upright. 6. ¿P ARTIALITY, ukequal, making a difference, accepting of perfons. Time of continuance.
(CONSTANCY, Perfeverance, Stability, steadinefs, fedfaft, firms,
7. \(\{\) fixed, fure, certain, refolute, inflexible, unchangeable, abide, perfift, bold out, fand out, ftay by, fick to, unwearied, indefatigable.
PERTINACT, Obftinacy, Contnmacy, pervicaciows, peremptory, fiff, wilful, inexorable,inflexible.
LIGHTNESS, Inconftancy,ficklenefs, levity, inftability, mutability, uncertain, unfteddy, unftable, unftedfaft, unfettled, unftaid; mavering, diviers, dodging, Jittle, 乃buttle, Jlippery, variable, mnitable, changeable, trifling, giddy, freaki/h, paltring, faft and loofe.
204 Habit. Part. II:
v. INFusED V. Thofe are ftyled INFUSED HABITS, to which the Divine favour HABrrs. and affiftance is 'required after a more efpecial manner; which are therefore fyled by the general name of GRACE, Gift.
To which may be oppofed UNGRACIOUSNESS, Impiety, gracelefs, ungodly, carnal, wicked, finful.

Thefe are either
General; confifting in
A change of imind from evil to good.
1. \(\left\{\begin{array}{l}\text { REPENTANCE, Peniteace, compunction, relent, remorfe, contri- } \\ \text { tion, rue, return }\end{array}\right.\)

IMIPENTIENCR , ret reclaim, renew, regeneratian, penance.
An babitual frame of mind, whereby we are fitted for vertuous actions, and more efpecially for the Duties of Religion.
SHOLINESS, Sanctity, Godlinefs, Piety, Devotion, Rigbteoufrefs,
2. \(\left\{\begin{array}{c}\text { Sanctification, facred, Purenef. } \\ \text { UNHOLINESS, Wickednefs, Iniqu }\end{array}\right.\)

UNHOLINESS, Wickednefs, Iniquity, Impiety, Jngodlinefs, Pro-
phanenefs, Corruption, sin, Mifcreant, gracelefs, Caitiffe.
Ax inlargement of soul, to defire and endeavour public general good, and taking it off from being immerfed in narrow• felfinh defigns.
\{SELF-DENIAL, Cbriffian. Mugnanimity, Generofity, Public-/pi-
3. \(\left\{\begin{array}{r}\text { ritednefs, Greatnefs of mind, Refignation. } \\ \text { sELFISHNESS, }\end{array}\right.\)
(SELFISHNESS, Narroxnefs, Pedanticalnef, Littlenefs of mind, Worldling.
Particular ; ftyled Theological Vertues; refpecting
Truth and Falfiood; a readinefs to yield an effectual affent unto revealed Truths upon fuch grounds as their natures are capable of, and fuch as are fufficient to prevail with any fuch prudent teachable man as is free from any affected Captioufinef.
SFAITH, Belief, Believer, Creed.
4. \{INFIDELITY, Unbelief, Mifcreant.

Good and Evil.
F Future ; being an acquiefence of the mind in the expectation of fucl Promifes as are revealed.
§HOPE, Truft, Affiance, Reliance, Recumbency.
5. YDESPAIR, Deffondency, out of bcart, forlorx, bopelefs, paf hope, deadnes of beart.
General; wifhing well, and endeavouring to be helpful and' ferviceable unto all, according to the due proportion we are obliged to by natural or revealed Light.
6. \(\left\{\begin{array}{l}\text { CHARITYY, Love. } \\ \text { vNCHARITABLEN }\end{array}\right.\)

そUNCHARITABLENESs, Maliciowfufs.
VI. Thofe are ftyled ACQUIRED INTELLECTUAL HABITS vi. AcQuiwhich may be gotten by Induftry, and tend to the perfecting of the RED REL
Mind
TRLE Mind or Underftanding. They are diftinguiflable by their [objects: being either HABITS.
specilative; furnifhing the mind with due Notions and conceptions concerning the Nature of things, their Caufes, Differences, Relations and Dependeacies.
I. \(\left\{\begin{array}{l}\text { SCIENCE, Knowledge, skill, Theory, Learning, Infight. }\end{array}\right.\) ScVRIOSTTT. ¿IGNORANCE, rude, nntangbt.
Active; denoting Skill in men and bufinefs, whereby we are inabled to judge what is fit and convenient,according to various cafes and circumftances.
2. SWISDOM, Prudence, Difcretion, sapience, wijfe, fage, politic.
\{ CRAFT, Cunnine, Subtily, shinef, Policy,Device, Quirk, sleight, Fetch, Wile, Trick, Jy, Jhrewd, Knave, Shark, shift, comie over one, over reach. FOLLT,Fool-ijmeff, simplicity, sillj-nefs, imprudence, Indijcretion, wittefs, unmife, abjurd, Jballow, Noddy, Ninny, Sot, infatuate, Foppery.
Effective; implying Skill in thofe feveral Operations and Works -
which concern Humane life.
(ART, skill, Dexterity,Craf
\(\left\{\begin{array}{l}\text { ART, skill, Dexterity, Craft, Cunning, Infifbt, Knack, expert, well- } \\ \text { feen in, sood at, artijicial, Workman, Arifif. }\end{array}\right.\)
3. \(\left\{\begin{array}{l}\text { feen in, good at, artificial, Workman, Artijt. } \\ \text { vNsKIL }\end{array}\right.\)
(ひNSKILFVLNESS, bungling, blundering, botching,fumbling, cobling: Jubber, fmatter, ignorant, fill, ride, grof, jejune , inexpert, inartifcial, anphrpard, Frefman, Novice.
Tibe manner of acquiring them; whether by
Our own Obfervation, and repeated Trials:
SEXPERIENCE, Practice, Exercijf, Knopiledge, converfant, verfed, expert, Experiment, Empyric.
INEXPERIENCE, inexpert, raw, to Seek, Puny, Novice, Fre/hman, unverf.
The Teaching of otbers, either \(\|\) vivd voce, or ex fcriptis. 5. \(\left\{\begin{array}{l}\text { LEARNING, Literature, } \text {, Schelarfhip, Scholaftic, Liberal Science, } \\ \text { skil }\end{array}\right.\) 5. \(\left\{\begin{array}{l}\text { skill, indoctinate. }\end{array}\right.\) ZUNLEARNEDNESS, illiterate, unlettered, rade, fimple:

\section*{Of MANNERS.}
8. III. FTHe Cuffomary and habitual Allions of men confidered as voluntiry, 1 and as they are capable of Good or Evil, Reward or Punifhment, are ftyled by the name of MANNERS, Etbic, Moral-ity.

To which may be adjoyned the general name of fuch cuftomary ACi: ons as are mutual betwixt man and man, ftyled CONVERSATION, Carriage, Demeanour, Comportment, bomsiletical, Communication, lead, life, living, fociable, bebave.

The Vertues belonging to thefe do comprehend all thofe Habits which concern the regulating both of our Wills and Affeclions, and of our Converfations. They are diftinguifhable by the Faculties which they moderate, and the Objects they are converfant about, into fuch as do more immediately concern the regulating of our
[Wills and Affections, and that Rectitude of mind which we are obliged unto with reference to cur felves, confidered more feparately, according to thole principal parts of which we confift, viz. Soul and Body, Reafon and fenfe, together with the things we poflefs, being either
SMore GENERAL. I.
¿More Particular, relating to
SOur BODIES. II.
¿Our ESTATES or DIGNITIES. III.
Converfations, or the right Demeanour of our felves confidered as Alem: bers of Society, in our converfe with others; the due managing of the common Affairs and Bufineffes of life, according to the relations wherein we ftand towards thofe whom we are to deal with. Thefe are commonly called Hobniletical Vertues; being either
SMore GENERAL and Common. IV.
\{More P̈articular, towards SSUPERIORS. V. ¿INFERIORS. VI.
1. Vertue. I. Thofe kind of Moral babits which ferve for the regulating of our wills and Affections more General, are commonly fyyled by the name of VERTUE, Howefy, Probity, Righteonfneß, brave; denoting fuch Habits whereby - we are inclined and inabled to obferve a due Mediocrity in our Actions. -To this is properly oppofed the notion of VICE, Sin, Crime, Di/Jonefty, Trefpaß, Iranfgrefion, Fault, Failing, Infirmity, Overfight, wicked, Improbity, Turpitude, unrighteous, nnjuft, bad, naught, vile, baje, loofe, evil, ill, corrupt, venial, beinows, debauched, lewd, lawleß,, licencious, fonl, flagitious, enormous, profigate, Mifcreant, Ruffian, Caitiff, Villain, Rakehell, Libertine, defile, pollute. Thefe may be diftinguilhed into fuch as relate to the Inclination of our Minds, either
\begin{tabular}{|c|}
\hline \multirow[t]{3}{*}{\begin{tabular}{l}
By Lawn; \\
SJUSTICE, Righteous -neß, right, Sguare dealing, kpright dealing. \\
\{IN7Z'sIILE, Unrighteou'jneß, Wrong. \\
\{RIGOUR, rigid, extreme, feverity, overffriat. \\
\{REMISSION, Over:-paring.
\end{tabular}} \\
\hline \\
\hline \\
\hline
\end{tabular}
lRight Reafon.
[More general; refpecting our Actions towards others, in fuch cafes as the Law-giver(could he have forefeen)would have provided for; whereby a man is willing to recede from his own ftrict right, \& the utmoft extremities of things, and to take the moft amicable way in the accommodating of Differences, fupplying that by right Reafon which is not provided for in the words of the written Law.
SEQUITY, Moderation, reafonable, confcionable, Chancery, fair 2. \(\left\{\begin{array}{l}\text { dealing, in reafon. }\end{array}\right.\) \{SUMMVM \(\mathcal{F} V S\), Rigidnefs, fournefs, unreafonablenefs, iniquity, Moreparticular; in our Thoughts concerning other mens words or actions, being ready to interpret every thing in the beft fenfe, when there is no evident reafon to the contrary.
3. SCANDOR, fair, ingensious, candid, fair dealing.
3. \{CENSORIOUSNESS, Sinifter Jßßicion, captioußnefs, controling;

In Gratuitis ; refpecting chiefly the (carping.find fanlt.
í Benefactior; being either
( More general; denoting || a propenfion of mind to do good to others; together with external actions futable thereto.
\{ \(\left\{\begin{array}{l}\text { GOODNESS, Benignity, benevolence, beneficence, kindnefs, good }\end{array}\right.\) turn, bebolding, gratifie.
\(\left\{\begin{array}{l}\text { MISCHIEVOUSNESS, Maleficence, ill turn. }\end{array}\right.\)
[More particular; refpecting fuch as are in a ftate of mifery.
5. \{MERCY, tender-bearted, pitiful, propitions, joft.
5. \{ \(\left\{\begin{array}{l}\text { crveltr, Immanity, inhumane, bard-hearted, pittilefs, favage; }\end{array}\right.\) dire, truculent, barbarows.
E Beneficiary;namely, a propenfion of mind to put a juft efteem uponthe Favours we receive, and to take all occafions of acknowledging and requiting them.
6. SGRATITUDE, Thank -fulnefs, give or render thanks.
- INGRATIT UDE, Unthankfulnefs, ingrateful.

In arduis; whether things
if Hard to be done; wheteby we are made duly refolute againft all fuch difficulties either of Fear or Difcouragement as may hinder us in our duty.
7. \(\left\{\begin{array}{l}\text { FORTITUDE, Valour, Courage, Manbood, Proweff, Puifance, fout, } \\ \text { redoubted, undaunted, , bold, daring, valiant, r.folute, in beart, of }\end{array}\right.\)
redoubted, undaunted, bold, daring, valiant, r.folute, is beart, of
pirit, manly, manfuh, furdy. Jpirit, manly, manfuhfturdy. (RASHNESS, Temertty, fool-hardine/s, andacity, defperate, beadj, bair-brain'd, boifterous, precipitate.
COWARDISE, timorous, faint-bearted, fearful, foft, Craven, Dad ftard, Poltron, Recreant, owt of heart, to flinch, to com.
Hard to be Juffered; in refpect of

II. The
iI. Vertues relating to our BODIES.
II. The more fpecial Vertues for the regulating of our Wills and Affections in things relating to our BODIES, whofe Object is Jucundum or Vtile, are either.
rOf a more large extent; denoting an Ability to withftand all fuch temptations of allurement whereby we may be hindred in our Duty.
1. STEMPERANCE.
1. \(\{\) SENSでALITT, Voluptuoufnefs, İntemperance, debauched, difolute, effeminate, Epicure.
LOf a leffer cxtent; concerning the Moderating of our natural Appetites towards things which concern the Prefervation of the
[Individuum; either
More necefary; as in
\([\) Meats.
2. \(\left\{\begin{array}{l}\text { ABSTINENCE, abfemious of afting. } \\ \left\{\begin{array}{l}\text { MACERATION }\end{array}\right.\end{array}\right.\)
¿GLUTTONr, surfeit,voracity, gormandizing, pampering,ravenows, fated, Gully-\$ut.
Drinks.
SSOBRIETY, Abfemionfnefs.
3. \{DRUNKENNESS, sot, befot, inebriate, beady, intoxicate, fox, cas. renfe, overtaken, whittled, fuddled, tipfie, Tipler, Soaker, Pot-companion, Tofs-pot.
sleep.
SVIGILANGE, Watchfulnefs.
4. \(\{\) SLUGGARDLINESS, sloth, Drewzinefs, sleepinefs.

LLefs neceffary; which concern
6 Refrefhments from Labour.
5. SMODERATENESS IN RECREATION.
5. ¿IMMODERATENESS IN RECREATION.

External Decorum and Ornament.
6. \(\left\{\begin{array}{l}\text { CLEANLINESS, Neatnefs, fmugg, terfe. }\end{array}\right.\)

2 NICENESS, Finicalnefs, Delicatemefs, Daintinefs, Curioffry, dapper.
SLOVENLINESS, Uncleannefs, Nafiinefs, fordid, filthy, Squalid, foul, sloven, Slut, Jubber.
species; as Venery.
7. SHASTITY, Continence, Hohefty.
7. ¿UNCHASTITT, Incontimence, Wantonneff, lafciviows,' unclean, obfcene, ribaldry, bawody, lewod, light, difhoneft, corrupt, defile, deflowr, incef, rape, ravif, viciate.

\author{
III. Vertues
}
III. Vertues relating to the due moderating of our Affections towards the iii. ver. things which concern our ESTATES and DIGNITIES, whofe Object is Pro- tures relifit or Efteem, may be diftinguifhed into fuch as do more particularly concern our E .
Effates and Pofleflions; being eittrer.
(our SATFS:
[More general; denoting a Mediocrity about getting, or keeping, or fpending; nilits.
SIBERALITY, Bounty, Alunificence, open banded, free, generous, frank, large.
SPRODFG ALITM, Profufenefswalful, lavifl, riotows embezill laflo out, Ha¿COL'ETOUSNESS, Avarice, W'orldinefs. (vock, rum ont.
More \(\int\) pecial; in
Getting.
2. \(\left\{\begin{array}{l}\text { PROVIDENCE. } \\ \text { SSCRAPING, Ra }\end{array}\right.\) ? SLATERING, Improvidence.
 \(\qquad\) \(\left\{\begin{array}{l}\text { Keeping. (ring, near. } \\ \text { 3. SRRUGALITY, Parcimony,tbriftinefs, good busbandry, faving, fpa- }\end{array}\right.\) \(\left\{\begin{array}{l}\text { Keeping. (ring, near. } \\ \text { 3. SRRUGALITY, Parcimony,tbriftinefs, good busbandry, faving, fpa- }\end{array}\right.\) 3. \(\left\{\begin{array}{l}\text { FRGALITY, Parcimony, thriflinefs, good, } \\ \text { PENUR1OUSESS, crib,bard, clofe-fijted, bide-bound, over-thrifty, }\end{array}\right.\) tenacity, pincbing, pincb-peny, Cburle, Niggard, Mifer, clofe, near. (S શUANDRING, flying out, ill-busbandry, untbriftine f3 fpend-thrifis maft, embezzil, mij.Spend.
spending; diftinguifhed by its Objectejeither
The Public.
4. GENEROSITY, Magnificence, Bounty,Grandeur, fately, pompous; 4. \(\left\{\begin{array}{c}\text { Jumptuows, brave, noble, heroic. } \\ \text { SHIOTOVSNESS, Profufene/s, Lux }\end{array}\right.\) SKIOTOZUSNESS, Profufene/s, Luxxurionfnefs,blade it, debaiuch, RoiESORDIDNESs, Bafeneß,,umborthy, penurious. (fter. The Poor; relieving the wants of others.

\title{
\{ALMSGIVING, Charity, Dole, Alms, relieve, Penfoner, Bedes-main; \\ 5. \(\left\{\begin{array}{c}\text { Eleemofynary, Hoßpital. } \\ \text { ALind }\end{array}\right.\) \\ CHVRLISHNESS, uncharitable, rough, Niggard. \\ stirangers.
}
6. SHOSPITALITY, barbour, entertaie, ireat, open-bonfe.
iLDignities and Efteem; in refpect of the
Avoiding or fuffering of Dijgract:
7. \(\{\) MODESTY, Baffunineof.

Seeking or bearing of Honour \(;\) as putting a juft value upon things, (having but a little efteemi for little things,) as likewife upon himfelf, and his own merits; and not either
(Leß then be ought.
8. \(\{\) MAGNANIMITY, brave, noble, beroic, generows, greatnefs of mind \{ INSOLENCE, arrogance, baughtines,prefumption, vanuting: vaporing: \{PUSILLANIMIIT, Bajene \(\beta\), jordid,ppdantical.
More then be ought.
9. \(\{\) MODESTY.
9. \(\left\{\begin{array}{l}\text { MABECTNESS, sheaking, harrounefs and littlenefs of inind, bafe, }\end{array}\right.\) 2AMBITION, Prefumption, High mindednefs, Vain glory, Airrogancé' afpire, overweening, Rodomohtade, affecation of Epipirc. Ee
IV. HO :

1v. HOMI. letical COMMON Vertues.
IV. HOMILETICAL Vertues more COMMON, are fuch vertuous habits as are required in men of all degrees and conditions for the regulating of their mutual Converfations. Not that the other Vertues before Ipecified, are not likewife neceffary tothis end:but that they do not fo directly and immediately tend to it as thefe others do which are ftyled HOMILETICAL.To which may be oppofed INSOCIABLENESS, Barbarifm.
'Thefe are diftinguifhable into fuch as render our Converfation; either prrofitable to each other: which maty be confidered according to the

Matter; fuch astend to the prefervation of
Truth; either in our
Declarations or Affertions.
SVERACITY, Truth.
1. \(\left\{\begin{array}{l}\text { LIING, I.eafing, (OVER-SATING, H, perbole, Beafling, Oftenta- }\end{array}\right.\) forge, fib, flatit, \(\{\) tion, vapor, crack, brag, vaunt, fwagger, Rofalfe, perjury. \(\quad\) domontade.

UNDER-SAYING, DetraClion, Dimsinution; difparage, traduce, depreciate.
obligations or Promifes.
SFIDELITY, trufty,true,loyal.
UNFFAITH-SOFFICIOUSNESS, Fawning.
FULNESS. \(\sum\) TREACHERT, perfidiows, falfe,faithle \(\beta\), unfaitbfu!, untrufty, difloyal, Recreant, Traitor, Ambodexter, betray, falter, undermine, prevaricate.
Peace.
(PEACEABLENESS, உmietneß,Concord. Accord,Agreement, Unt-
3. \(\left\{\begin{array}{l}\text { on, appeafe, atons, pacifie, reconcile, compofe, take np, compromizo, }\end{array}\right.\) ftill, calm, fet at peace, part a fray.
UNPEACEA-STAMENESS.

> BLENESS. \{CONTENTIOUSNESS, Strife, Difenfion, Diford, Variance, Controverfie, Difference, Broils, Contef), Combuftion, Debate, Divifion, Bickering, litigiows, - guarrel, worangle, clafh, jarr, brabble, jangle, Garboil, odds, Brangling, confliaf, squabble, Brawoling, Cavilling, captious, Incendiary, Barreter, Boutofem, sbrew, scold.

Manner; fuch as regulate our Carriage with à due refpect of ITbings ; in
(Saying what is fit to be faid.
SFRANKNESS, Freemef, plain, open-bearted. STOO MUCH OPENNESS, Tell-tale, Blab, \{RESERVEDNESS, By, nice, coy, demoure, faunch, wary, clofe. (Concealing what is fit to be concealed.
STACITURNITY, fannch, clofe, fill, cownjel-keeping, fecrecy, 5. \(\left\{\begin{array}{l}\text { TACience. }\end{array}\right.\)

LO@UACITT, Babbling, Garrulity, talkative, babble, blab, chatter, gabbling, tattle, prate-ttle.
Perfons; in obferving a juft Decorum.
6 GRAVITY, serionfuefs, fober, demure, fage, fayed, earmeft, jettled,
6. \(\{\) folid. \(\left\{\right.\) VANITY, \(\left\{\begin{array}{l}\text { FORMALNESS, Coxcomb, fond, foppifh. } \\ \text { LIGHTNESS, flafhy, Freak, Levity, Petulance. }\end{array}\right.\)

Pleafant

I pieafant to each other; ferving to regulate
Our Outward carriage towards others, both Actions and Speeches, ss to a Facility for Converfe, together with our defires and endeavours by all honeft wayes to pleafe others, and care not to offend them.

7. \(\left\{\begin{array}{l}\text { manity, gentle, fair, bumane, benign, traltable, fmooth. }\end{array}\right.\)
(FAWNING, A/jentation, Adulation, obfequious, fmooth, glavering, gloze.cogs, cajole, curry favour, collogue, wheedle, crouch, creeping, foraping, fatter, footh, clawing, Blandifoment, Parafite, sycopbant, claw-back.
MOROSENESS, curft, crabbed, cynical, frowoard, churliff, uncivil, boifteraws, rude, fullen, furly, unmannerly, bard to pleafe, bumorfome, rough, harfh, four, tefity, fnapiifh, dogged, currifh, 'majpi \(h_{\text {, }}\) tetchy, roayward, peevifh, pettifs.
Our Words and speecbes; either in
More Seriowa debates; making due allowances to others, affording them juft liberty.
§COMPLACENCY, Civility, fmooth, foft, popular,
§ ASSENTATION, Flattery, glozing, foothing, fawning, mealymouth'd, trencher-friend.
(MAGISTERIALNESS, Arrögance, Imperioufnefs, Lordlinefs, mafterly, pedantical, rough, over bear, Roifter.
Lef feriows matters; by fuch honeft mirth whereby Converfation is to be fweetned.
9. \(\left\{\begin{array}{c}\text { URBANITY, Facetioufneß, Raillery, Drollery, jocular, jocund, } \\ \text { merry, Conceit, Feft, squib, }\end{array}\right.\)
9. \(\left\{\begin{array}{c}\text { merry, Conceit, Jeff, squib, Clinch, 2uibble, Wagg. } \\ \text { scvir }\end{array}\right.\) SSCURRILITT, Buffoonry, Abufivenefs, Pafquil, Zany, Vice. \{RZISTICITI, Clownifhnefs, boifterow, blunt, barbarow, rongh, rude, Kerne, bome-bred, slouch, uncivil, unmannerly, dirty.
-. HOMIL. VFRT. to wards su- fuch as are
(More general; denoting the Habit of behaving'our felves as we ought
\(\left\{\begin{array}{l}\text { towards all in a fuperiour relation. } \\ \text { SDUT IFUL NESS, }\end{array}\right.\)
SDUTIFULNESS, fubmilfrve.
1. \{VNDブT IF ULNESS, Sturdinefs, fiiff, untoward, untraltable.

More.Special; exparte
\{Subjecti; as Inferiours, and at a diftance from them.
2. \(\left\{\begin{array}{l}\text { HUMILITY, Lowlinefs, abafe, bumble, gentle, fubmi(fion, demifnefs. }\end{array}\right.\) PRRIDE, Haughtinefs, Loftinefs, bigh-minded, Lordly, elate, ftately, perk, felf-conceit, arrogance,magjferialnefs,prefumption,overween, puff up,look big.
Lobjecli; as to Superiours in
PPlace.
3. \(\left\{\begin{array}{l}\text { REVERENCE, Honour, regard, refpedi, veneration, ampe,dread, } \\ \text { Wor } \beta_{i j p .} \\ \text { IRREVERENCE,Petulance,Saucinefs,malapert,perk, prefunptuows. }\end{array}\right.\) Gifts.
\{ RESPECT, Grace, Howour, deference, civility, efteem, obferve, 4. \(\left\{\begin{array}{l}\text { veil to. } \\ \text { DISREP }\end{array}\right.\) DISREPECT, Difhonour, negleat, Jighting, undervaluing, dif regard, vilifie.
Authority;

Governing.
6. \(\left\{\begin{array}{l}\text { LOYALTY, Allegiance, Fealty, Homage. } \\ \text { TREACHERT, betray, Traitor, difoyal. }\end{array}\right.\)

\section*{Commanding.}

SOBEDIENCE, obfequious, obfervant, pliable, fubmifive, tra-
Clable, towardly, Conformity, follow, ferve, be fubject to.
DISOBEDIENCE, Cowtumacy, obfinacy, refractory, felf-willed, unruly, untowsard, tranfrefs, trefafs, break, violate, take bead, fiff-necked, moilful, mafterlefs, reftive.
P Punifhing; fubmitting to Juftice, and fuing for Mercy, or contri. 8. \(\left\{\begin{array}{l}\text { SUBMISSION, give place to, give way, yield, refigm, furrent } \\ \text { der, at difaretion of }\end{array}\right.\) . \(\left\{\begin{array}{l}\text { der, at difiretion of. }\end{array}\right.\)
CONTVMACT, obftinacy, self: will, fiubborn, fullen, fiff, wntraclable, wayward, ftout, fiff:necked, refraciory.
VI. HOMI-
VI. HOMILETICAL VERTUES whereby we are to regulate our VI. HOMIL. Demeanour towards our INFERIORS, may be diftinguifhed into fuch verT. toas are
1. \(\left\{\begin{array}{c}\text { Soft, benign, propitious. } \\ \text { HARSHNESS }\end{array}\right.\)
aroreparticular ; exparte
Subjects; in respect of our Superiority, from which we are ready upon occafion to yield and flop down.
SCONDESCENSSIDN, deign, vouchsafe, bear with, fifer.
\{INSOLENCE, Magiferialne \(\beta\), imperionfnef, roughne \(\beta\), frialnef, lately, domineer, insult, swagger, Roister, Ruffian.
object \(i\) as to Inferiors, in
(Place or Gifts.
3. \(\left\{\begin{array}{l}\text { AFFABILITY, Coirtefie, gentleneß, facil, fair, demeanour. } \\ \text { sUPERCILIOUSNESS, roughneß, fern, }\end{array}\right.\)
\(\{3\) SUPERCILIOUSNESS, roughneß', fern, four, Scornful, fateli; surly, arrogant.
Authority; in
. General; \(\|\) preferwing foch in their \(j u f t\) rights, or invading of them.
\(\left\{\begin{array}{l}\text { General; in preferving foch in their just rights, or invading of the as } \\ \text { 4. SPROTECTION, shelter, defence, guard, patronage, refuge. }\end{array}\right.\)
- \(\sum\) TYRANT.
(special; as
Governing.
SGOOD GOVERNANCE, Discipline, Regiment.
5. \{MALE-ADMINISTRATION, misgoverning, ill governance. Commanding.
6. \(\left\{\begin{array}{l}\text { REASONABLENESS. } \\ \text { UNREASONABLENESS. }\end{array}\right.\)

Punifhing when one ought.
SSEVERITY, fica.

8. \(\{\) CLEMENCY, Gentleneß, favourableneß, lenity, swildnefs. AUSTERITY, fern, fricit, inflexible, asperity, rigor, fiff, rigid, har/h, Sharp, tart, rough, crabbed.
Though feveral of the Virtues and Vices enumerated under this and the former Head, may be afcribed fometimes to perfons in other capacities; yet they do primarily and originally appertain to the Relations of Suptriokrs and Inferiours.

\section*{Of SENSIBLE QUALITY.}
§. IV. BY SENSIBLE QUALITY is meant fuch kind of Quality as falls under our outward Senfes, or the Affections of Bodies confidered as they are the Objects of Senfe: To which may be oppofed the Notion of OCCULT QUALITY. Thefe do relate either to the
FEye and things vifible.
\(\{\) Primary, LIGHT. I.
\{secondary, COLOUR. İ.
Ear, SOUND. III. TAST and SMELL. IV. \({ }_{\text {LTouch; }}\) viz. fuch Qualitics às are more SACTIVE. V. ¿PASSIVE. VI.

In this diftribution of Senfible Qualities, thofe that are Vifible and Tangible are,both becaufe of their Number and Variety, each of them reduced under double Differences. Whereas thofe that belong to the Senfes of Taft and Smellare, for the cpntrary reafon, contracted under one. The gradual Differences belonging to every one of thefe are fo very numerous, that no Language doth,or indeed can, provide for them; but we - are fain to denominate each of them from that fubject in which it is moft commonly found and known. And, for the farther help of the common defect of Languages as to fuch things, I have in the following Tables (. where it could conveniently be done) reduced things to double Oppofites, which, with the addition of the tranicendental points of Akgmentative and Diminutive, will much fácilitate the expreflion of the feveral degrees of thefe things.
1. LIGHT. I. That is fyled PRIMARY VISIBLE, by the help of which we are inabled to fee other things; being inherent chiefly either in The Air; according to the more
General Nature of it; denoting the intermediate or extremes, the latter of which is properly a total Privation.
\{TWILIGHT, Dawning.
SLIGHT,Luxx,lightfome, illuminate, enlighten, glimmer, glimppe, fafo. ZDARKNESS, gloomy, clofe, dim,duskie, Eclipf,obfcure, fad, fpart, bromn.
1 Particular Kind or Degree ; the Oppofite to which doth fuppofe fome fecondary Light.
§LIGHT, Lumen, lucid, Luminary, irradiate, Sunfline.
2. \(\left\{\begin{array}{l}\text { LiGHDO } \\ \text { SHADOW, shade, V Vmbrage, adumbrate, screem, Canopy, Curtain. }\end{array}\right.\) The Superficies of folid Bodies; from which a frong or weak reflexion is fyled.

SBRIGHTNESS, Luffre,ßplendor,refulgence, glifer, glitter, daziling, 3. \(\left\{\begin{array}{c}\text { Siine, corusfatiox, clear, fair, oricnt, polit } \\ \text { frious, } \text { furbijh, polijh, burnijh, irradiate. }\end{array}\right.\)

DIMNESS, gloomy, clowdy, blink.
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The Bulk and Solidity of Bodies; according to their || capacity, or inca-
pacity of conveying Light.
- STR ANSPARENCY, Perßicuity, pellucid, diaphanous, clear, thin:
4. $\left\{\begin{array}{l}\text { IRANATIT, Thick. }\end{array}\right.$
Both the Superficies and Bulk of Bodies; fignifying $\|$ a freedom from: on
liableneßunto, any fingle or inter/perfed impediment.
5. $\left\{\begin{array}{l}\text { CLEARNESS, fair, inimaculate, unfotted, clarife. }\end{array}\right.$
5. ¿SPOTTEDNESS, Blemifh, Blot, Blur; Mose, Mole, Freckle, speck,
Stain, Soit.

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    II. Secondary Vifible Qualities, are by a general name ftyled CO. in. có;
LOURS, Tindure, Hue, Complexion, Stain, Tinge; by which are meant LOur,
thofe varions Appearances in the Superficies of Bodies wowich do more im-
mediately affect the Eje.
    They are diftinguifhable into thofe that are more
simple; and counted either
    Primary; whether || the intermediate, or the tipo extremes:
    1. SGRAYNESS, Freex, grify, boary, rwffet.
    I. \(\{\) SWHITENESS, blank, blanch, bleach.
    \(\left\{\begin{array}{l}\text { BLAACKNESS, fable, fad, fopart, broion, Negro. }\end{array}\right.\)
    (secondary; moft confiderable according to their order in the Rain-
        bow : the ufual Colour of
        [Bloud: or of Gold.
            2. \(\left\{\begin{array}{l}\text { REDNESS, Crimfon, Vermiliow, scarlet; Stammel, ruddy, Man. } \\ \text { rey, Gules. }\end{array}\right.\)
        \(\left\{\begin{array}{c}\text { rey, Gules. } \\ \text { YELLOWNESS, sallow, Tammy. }\end{array}\right.\)
        Vegetables: or the appearing Colour of the Heavens.
        SGREENNESS, Verdure.
        3. \(\left\{\begin{array}{l}\text { GREENNESS, Verdure. } \\ \text { BLEWNESS, Axure, Watchet. }\end{array}\right.\)
        7fuice of the Fifh Murex.
        4. PURPLE.
Mixed; according to the more
    (Generalnames.
        SVARIEGATEDNESS, motly, pyed, phrticaleured, divors celokirs,
            5. \(\left\{\begin{array}{l}\text { VARIEGAT } \\ \text { emibroider, inlay. }\end{array}\right.\)
            - CHANGEABLENESS.
        Particular kinds; being made either by
    Points: or Lines:
    6. \(\left\{\begin{array}{l}\text { SPECKLEDNESS, Freckled. }\end{array}\right.\)
    Roundles, or squares,
        7. \{ \(\left\{\begin{array}{l}\text { DAPPLEDNESS. } \\ \text { CHECQUEREDNESS }\end{array}\right.\)
        III. Senfible
III. sound. III. Senfible Quality perceptible by the Ear, together with the Privation of it, is fyled by the name of
; SOUND, Noife, refound, Report, Coil, Rout, Racket, blow, loud, dinn, quetch, Echo, Euphony. To which may be adjoyned thofe natural words( ficitia a fono) bounce, buz, cbatter, cbink, clack. clap, clafl, clatter, click, clink, craflo, crufl, fcrk, bum, biß, jar, jingle, jerk . knock, rattle, ruffle, rumble, rufsle, clutter, laßn, pipe, ring, Jcream, Jhrick, Snap, fqueak, fquall, roar, thump, toot,twang, thwack,timkle, whecz, whimper, wobip, whine,whiflle, yell. SILENCE, Stilnefs, bufl, bold onespeace, mum, tacit, quafh.quiet, wobift, ' \(\boldsymbol{f}\).
The feveral Notions belonging to this Head, tơ which different names
- are affigned, do concern cither the
[Caufes of it ; confidered
[Formally; according to which feveral Sounds are made; either by an
intermediate, or a fronger and quicker : or meaker and flower per-
cuffion of the Air.
§MEAN, Tenor, Counter tenor.
1: \(\{\) SACVTE, Brill, Treble, Canto.
\{GRAVE, low, Bafe, deep
- Materially; when it is made by things
(Metalline, or other folid brittle bodies; either \| clear : or interrupsed by fome difcontinuity of the parts.
SRINGING, jingle, timkle, Bell, tole, chime, Peal', Knell.
§JARRING, Clattering.
Antimal; being either.
More general to the more perfect Animals: or to Man.
3. SVOICE, vocal, call; cry, invocate, Tone.
3. そARTICULATE. Voice, speak, eloquution, pronounce,
(More Jpecial, and peculiar to fome brute Creatures; whichmay likewife be imitated with artificial Inftruments, by the forcible compreffion of Air through a rimule : or through an equable concavity.
SHISSING, Whizxing.
4. KWHISTLING.

Relations; as a
Single perfeat sound: or near balf more or lefs then fuch a Sound.
5. SNOTE, Tone, Key.
\(\{5 \cdot\{\) SHARP.
Perfect Series of Notes: or aggregate of fuch Series.
6. \(\{\) TUNE, Lefon, Cbime, Alre, Strain.

Affections; either of
Single Notes; being either \|full and perfectsor impedite and imperfect, 7. SCLEARNESS, Jhrill.

Notes together; in refpect of their \|dgreement : or dijagreement.
8. \(\{\) CONCORD, symphony.
8. ZDISCORD, Difjonance, untuxable

Tunes together; in refpect of their \|agreement: or difagreement. 9. SHARMONY, Melody, Mufic.
- \(\mathcal{F}\) fangling, Tintamar.
IV. The senfible Qualities belonging to the TAST and SMELL, are IV TAST of fo near affinity, that feveral Laaguages do affign to thein the fame \({ }^{\text {and }}\) names.

They are diftinguifhable into the
"More general and extreme, as to the \(\|\) agreeableneß: or difagreeabléneß of them to the Palate or Nofe.
§SWEETNESS, Pleafant, lufcions, toothfom, fragrant, ödoriferows;
1. Perfume.

UNSAVOURINESS, stink, stench, fetid,neifom, fulfom, raink.
More ßecial and middle; from
TThin and tyarm thatter, like that of Oil or Butter : or that of Pep per.
SFATTI NESS; Oìly, nnctuows, groß, greafie.
. ACRIMONIOUSNESS, bitirg, keen, cutting.
Cooling and confringing matter, like that in Green fruit: or in
Galls.
SAUSTERENESS, Hargneß, fowir, tart.
¿ACERBITY, Aftringexcy, ftptic.
Penetrating vellicating matter, like that of Vinegar and Limons : or that of Aloes and Wormwood.
SACIDITY, sharpneß, eager, hard.
4 - BBITTERNESS.
Matter of a moderate conffency : apt to corrode by its ficcity.
5. SSALTISHNESS, faline, brackifh, briny, feafoned.
5. ¿FRESHNESS, unfalted, flafhy.

The vividne \(\beta\) : or decay of the Spiritsin any thing.
6. FRESHNESS, smartneß, brisk, quick, lively, 乃irituow.
¿DEADNESS, wapid, decajed, injipid, wearijh, flafloy.
The beginning: or farther degree of Putrefädtion:
7. SMUSTINESS, Moldine \(\beta\), vinerped, fufty.
7. ¿ROTTENNESS, addle, pitrid.

Ef \(\quad-\quad \ddot{V}\). Tactile
v. ACTIVE TACTILE QUALITIES.
V. Tadile Qualities more ACTIVE are commonly diftingui fhed by their being
[Primary, from whence the others proceed; being either \(\|\) the intermediate : or the extremes of that Quality, whereby
iHomogeneows or Heterogeneous things are congregated, or Separated. STEMPERATENESS, Warmne \(\beta\), Tepidne \(\beta_{\text {, }}\) lukeroarm.
I. \(\{\) \{HEAT, bot, foultry, ardent, torrid, fervent, fioelter, ivflame, \{cald, Parch, Scorch.
C(LLDNSSS, bleak, piercing, biting, cbill,cool. frigid, refrigerate.
A Body is eafily \(\|\) bounded by it felf: or conformed to any other Bo\(d y\), wherein it may be contained.
2 SMOISTNESS, dank, damp.

DRINESS, siccity, exficcate, arid, fear, parch.
secondary, fuch as are derived from the firft; referring either to
TThe Texture of parts, as to \(\|\) nearer : or farther diffance.
\{CLOSENESS, Jirink, Conftipation, confolidate, compact.
3. \(\left\{\begin{array}{l}\text { CLOSENESS, } \\ \text { SENSITr, Cralfitude, Thicknef }, \text { Condenfe-ation, thronged, prefed }\end{array}\right.\)
\(\{\) RARIT T, Tbivnef, attexnate, rare-ifie.
Incliwatios to Motion || downwards: or upwards.
4. \(\{\) WEIGHTINESS, ma/Jie.
4. 2 GRAVITT, Ponderonfne \(\beta\), Heavins \(\beta\), lumpifh, meighivg, preffing down.
LEVITr \(_{2}\), Lightnefs.
Aptitude or Ineptitude to Motion.
(Common to Liquids and Solids.
5. \{GONSISTENCY, cougeal, fiand.
\(5 \cdot\left\{\begin{array}{l}\text { HARDNESS, indurate, callows, brawny. } \\ \text { FLVIDITr, }\end{array}\right.\) \{FLUIDIITr, liquid, flow, difolve.
Proper to Solids.
6. \(\left\{\begin{array}{l}\text { FLEXIBLENESS, pliablenefs, pliant, bexd, bown, ftoop. } \\ \text {. }\end{array}\right.\)
- \(\left\{\begin{array}{c}\text { LIMBERNESS, fupple, lank, lith, ling, gentle, pliant, plia- } \\ \text { ble, fack, flagging. }\end{array}\right.\) ble, Jack, flagsing.
STIFNESS, Jtark, tite, rigid, har \(\neq\), inflexible.
VI. Tactile \(\mathfrak{Q}^{\text {ualities more PASSIVE, are diftinguifhable by their de: }}\) noting either the
Giving zpay to: or reffting of the Touch.
1. \{ YIELDINGNESS, give place.
1. \(\left\{\begin{array}{l}\text { SOFTNESS, Tendernefs, mollifie, relent, give, }\end{array}\right.\) \{HARDNESS, obdurate, indurate, calloys.
Fabric of Bodies, as to their
superficies ; being \(\|\) more : or lefs plain.
2. \(\left\{\begin{array}{l}\text { EVENNESS, plain, level. } \\ \text { SMOOTHNESS, sle }\end{array}\right.\)
\(\left\{\begin{array}{c}\text { sMOOTHNESS, sleeknefs, glibbery, Sippery, terfe, polite, polifl, } \\ \text { burniß, Calender. }\end{array}\right.\) burnifh, Calender.
\{RCVGHNESS, Afperity, Ruggednefs; uneven, barf, ruffe, rumple, puckered, cragged.
\begin{tabular}{lll}
\hline Chap. VIII. & Sicknefs. & 219
\end{tabular}

USBllk, being in its felf, or in its parts, of \(\|\) an indifferent: or of a great-
er or fmaller magnitude.
3. SORDINARINESS, of the moft ufual and common fiźe:
3. \(\left\{\begin{array}{l}\text { SCOVRSNESS, groß, thick. }\end{array}\right.\) ¿FINENESS, Tenuity, Subtilty, thin, attenkate:
Adbefion of parts, in
Fluids:
. SLIMINESS, mucilapinous, roping.
CLAMMINESS, vifcows, adbering, fick to, cling, cteaving, gifi: tinows, Bird-lime. Z'NctvovsNESS, slipperineß, Lubricity, glib.
Solids.
5: \{FIRMNESS, Fafineß.

¿BRITTLENESS, Friableneß, crij, , Bort, frail, fragili.
Ineptitude or aptitude to Local motion, chiefly in Solids.
6. SSTEDDINESS, eftablijb, stability,


\section*{Of SICKNESS.}

THofe kind of Impotencies of the Body, as to its natural Functions, which are ufually accompanied with Pain, are ftyled by the common name of SICKNESS, Difeafe, \(\mathfrak{i l l}\), Malady, Relapfe, unbealthy, uswbolfom, crazy, Diftemper, Indijpofition, ail, Fit, mortality, taken ivith, Spittle.

To which is oppofed HEALTH, sanity, Soundineß, beal, inckrable, wobolJom, recover, fafe and foxnd, well, cleár, bow do yon.

The principal Notions referring to this Head may be diftinguilhed into fuch as fignifie either
§The more general CAUUSES OF DISEASE. I:
ZThe Difeafes themfelves; whether
(Common to the whole Body, and the various parts of it,in refpect of
SDISTEMPERS. II.
¿TUMORS. III.
Peculiar to fome parts; either the
SHEAD, or ARISING THENCE. IV.
\{MIDDLE REGION, the Breaft, or its parts. \(\nabla\).
(LOWER BELLY or Bowels. VI.
Befides the Difeafes enumerated in the following Tables, there are divers others not here provided for, becaufe they may be otherwife fufficiently exprefled: As for inftance, thofe that belong to the Appetite, may be expreft by the notes of Exceß, Defect, Depravation.
220 Sicknefs. Part.II.

And thus likewife may it be with thofe other Funcrions of Concolfion, Sanguification, Nutrition, Augmentation, \&c.

Thofe that belong to the Organical parts, in refpect of any Imperfection as to their juft Number, Magnitude, Conformation,Site, Connexion, ofoc. may alfo be otherwife fufficiently expreffed.
I. GENE-

RAL CAU
SFS OF
DISEASE
I. The GENERAL CAUSES OF DISEASE, may be diftinguifhed into fuch as are either
[Extrinfecal, and without the body; whether from
0 Other bedies of a malignant dangerous quality, \(\|\) either fpreading their efficacy by infenfible Effluvia: or fuch as being taken in a fmall quantity, prove deftructive to life.
1. SCONTAGION, Infedtion, taint, catcbing, run, Jpread, diffufe. 1. \{POISON, Venom, envenom, virulent.

Violent inotion ; caufing either \(\|\) a diJolution of continuity:or too great a pref/ure upon the parts, when the skin is not cut.
SWOUND, Hurt, Sore, vulnerary, cut, break ones head, Scarr.
2. \(\{\) BRUISE, Contufion, crufh, batter, Batter.

Intrinfecal; with relation to the
fHumors; whether \(\|\) as to the crror of Exceß: or bad dijpofition.
SPLETHORA, Fulneß.
3. \{CACOCHYMIA, Ill bumors.

Quatities; \| according to the general name, denoting Excefs or Defect: or that particular Indifogition which is moft frequent, namely, too much Heat.
SDISTEMPER.
4. KINFLAMMATION.

Parts and Vefels; with refpect to the
Stopping, or bloming of them up.
(putrefying, of them; confidered according to the ufual
SAntecedent, or Caufe ; \(\|\) a Collection of putrid.matter.
6. ABSCESSUS, Apofteme.

Confequent, or Effect; in relation to the
(Aperture or Cavity made by the Corrofion of this putrid mat-
ter; being either \(\|\) roundijh, or oblong.
SULCER, Sore, Botch, Canker. 7. \{FISTULA.

Defect of animal Jpirits, whereby Senfe and Motion is to be communicated, fo as a part becomes cadaverous and mortified, according to a || leffer : or greater degree.
II. Difeales belonging to the whole Body, or the various parts of it, in II. DISTEM. refpect of DISTEMPER, are diftinguilhable into fuch as do arife either PRRS of From fome putrid matter, crufing a preternatural heat; being either
[Not infections ; feated in the
(Humors; whether ||continning ': or intermitting, according to certain feafons.
SFEVER, Calenture.
¿AGUE, quotidiain, tertian, quartan.
Habit of the Body, which is ufually accompanied by a irafting arpay of the parts.
\{ HECTIC.
2. \(\left\{\begin{array}{l}\text { CONSUMPTION, tabid. }\end{array}\right.\)

Infeltious ; by
Effuvia; being ufually accompanied with
spots in the skim, \|laccording to a leffer: or greater degree of dan: ger.
SMALIGNANT FEVER, spotted fever, Purples.
3. \{PLAGUE, Pefilence, Peft, pefiferows, peftilential, the sickwefs; Murrain.
Breakings axt in the skin.
(More dangerown ; according to degrees greater: or leffer.
SPOX.
¿MEASLES,
Lefs dangerows; accompanied with pain of itcking and burning, from bilious matter; \(\|\) either that which doth ufually overfpread the mobele body: or that which is commonly only in fome parts being apt to diffufe it felf gradually, being accompanied with rednefs and fonrinefs.
SITCH, Mange.
5. \{TETTER, Ring-morm, Shingles.

Ronghnefs in the skin.
6. \(\left\{\begin{array}{l}\text { LEPROSIE, Lazer, Leper. } \\ \text { SCURF, Morphem, Scild }\end{array}\right.\) SCURF, Morphew, Scald.

\section*{Contall in Venery.}
7. LUES VENEREA, Frencb-pox.

From fome bumor not in it felf corrupted, but by its fuperfluity diftending the inward membranes of the Bones, the Mufcles or Nerves: or difcolouring by Rednefs, and heating the outward skin; being a thiri light matter that may be eafily difcuffed.
8. \(\left\{\begin{array}{l}\text { GOUT, Artbritis. }\end{array}\right.\) \{ERYSIPELAS, st. Anthony's firt.

\author{
III. Thofe
}
MII. Tu. III. Thole Difeafes by which the parts are fuelled and diftended beMORS. yod their due proportion, are filed TUMORS, Rifing,focll, turgid, node.

There may be diffinguifhed into fuch Tumors as are either in the
Cuticle, or upper fin, with little or no pain; being || small collections of watery matter hindered from tranfpiring: to which may be adjoyned that which is fubfequent upon the drying of this and fuch other putrid matter, caufing a roughness upon the akin with little exulceration.
1. \(\left\{\begin{array}{l}\text { PUSTULE, Wheal, Whelk, Pimple, rush, sty. } \\ \text { SCAB. }\end{array}\right.\)
skin it Pelf and Flefl.
[With purulent matter.
(Not poisonous: either \(\|\) of ab bigger magnitude, and apt to pals from one part to another, of more difficult cure: or of a lefter magitube, more frequent, and less dangerous.
SKING'S EVIL, scrophula, struma. ¿BOIL, Blain, Sore, Whitlow, Ancome.
Poisonous and corroding; being either \|bard and unequal, difcod louring the skin by palenefs or blacknefs, with Veins about it refembling the Leg of a Crab, and exceeding difficult in the Cure : or else a collection of thick putrid blond violently hot, with fretting and malignity.
SCANCER, Wolf.
3. \{CARBUNCLE, sore, Plague-fore.

Without purulent matter.
Not discolouring the skin; whether of a
S Bigger magnitude; cither \(\|\) oft: or bard.
- SVEN.
(Leffer magnitude; being kinds of Plants rooted \#| in the skin: or below it.
5. \(\left\{\begin{array}{l}\text { WART } \\ \text { CORN }\end{array}\right.\)

Difcolouring the skin with redness, and occafioned by Cold.
6. CHILDBLANE. Kibe.

Veins or Arteries immoderately distended.
7. SVARIX.

Tendons.
8. GANGLION, spavin:
Chap. VIII. Sicknefs. 223
IV. The DISEASES belonging to the HEAD, or NERVES, or a-IV. DISEA. rifing thence, may be diftinguifhed into fuch as relate more
Immediatcly to the Brain it felf, the feat and organ of the principal Fa- NEAD an culties; either in regard of its
iSubfance; when it is indifpofed for the
[ Asore principal and noble Faculties; either by || fome bot Vapour or Humour diffufed : or from fome particular Hurt or Inflammation, caufing a depravation of the Intellectuals,Fancy and Memory ; either \|ivith a Fever, or without.
SFRENSY, Delirium, frantic, light-beaded, phrenctic.
¿MADNESS, out of ones woits, raving, diftrallion, befides one's felf, wood, brain-jick, crack-brained, crazed, luncic.
Les principal Faculties; by the
Superfuity of cold pituitous matter, caufing \|exceffive dromfinefs: or by crafs crude vapours rifing from the fomach, working a kind of Suffocation in feeping by a fenfe of weight upon the Breaft.

\section*{2. SVETERNUS, Sopor.}

2EPHIALTES, Night-mare, Incubus.
Corruption of fome crals phlegmatic humor, either ||in the Brain, canfing much drowfinefs and deliration: or in the Arteries mbich. fhould convej the Jpirits to the Brain, caufing firft a giddinefs, and then an abolition of Senfe and Motion.

\author{
3. \{ APOPLEXY.
}

Defluxion of Humours (which are fometimes falt or tharp) either \(\|\) on the Langs: or otber parts of the Body, Limms, or Foynts. 4. \(\left\{\begin{array}{c}\text { CATARRH, Diftillation, Rheum, Defluxion. }\end{array}\right.\)
4. \(\left\{\begin{array}{l}\text { RHEUMATISM. }\end{array}\right.\)

Ventricles; \(\|\) when any bot Vapour doth agitate and difturb the motion of the fpirits, fo as objects feem to turn round : or mobes any celd phlegmatic bumour doth objinull their motion, caufing a privation of Senfe, mith convulive motions in feveral parts.
5. \{VERTIGO, Giddinefs, swimming in the bead, Dizzinefs, Scotomy.
5. \{EPILEPSY, Falling-ficknefs.

Mrediately to the
i Nerves; which may be either
[obfructed; whether || the greater Nerves, and for a longer contivuance: or the leffer Branches, for aborter Jpace, whereby Senfe and Motion is bindered.
6. \(\{\) PALSIE, paralytic. ZNUMNESS, stupor, afeep.
Contracted more generally: or diftended in fome particular part. SCONVULSION.
7. 2 CRAMP, stitch.
- oppreffed with fuperfluoxis moifture, caufing an unequal growth of the parts, fpecially the Head and Joints.
8. RICKETS, Racbitis.

IThroat ; by fuch an inward Swelling and Iaflammation as doth hinder Swallowing and Refpiration.
9. SQUINANCY, Quinfie.
Y. DISEA. GES of the MIDDLE
EGGION.
V. The Difeafes belonging to the MIDDLE REGION and its parts; may refer either to the
[Lungs; in their being
obftructed by fome crafs phlegmatic matter adhering to the fides of the \(\int\) Pipes, from whence follows
TToo frequent Refpiration.
I. SHORTNESS OF BREATH, Anbelatio, Panting, Purfineß. Difficulty of Breathing, aecording to \|a lefer,or greater degree: by the Jatter of which men cannot fetch their breath, unlefs in an upright 2. SASTHMA, TifIick, broken-winded, mbeeie. (poiture. 2. \(2 O R T H O P N O E A\).

Ulcerate and by degrees putrefying ; from whence fometimes doth proceed much parwlent matter to fill up the cavity of the Thorax: 3. \(\left\{\begin{array}{l}\text { CONSUMPTION, Pbibifo. } \\ \text { EMPYEMA. }\end{array}\right.\)

Heart; by fome noxious vapours or humours, which do either
Provoke to toe frequent and vebement motion for the freeing it felf 4. PALPITATION.
(from them.
Hinder the motion of it; according to \(\|\) a leffer: or greater degree. SFAINTING, Failing, languifh, 2xalur.
5. ¿SWOUNING, swooned, Leipothymia.
side; from fome Inflammation within the Membranes covering the infide of the Ribs, caufing difficulty of breathing, and provocation to coughing, upon which great pain follows,accompanied with a Fever.
6. PLEURISIE.
VI. DISEASIIS of the EOWELS.
VI. Difeafes belonging to the LOWER BELLY or Bowels, may be diftinguifhed into fuch as do concern the
[Stomach; by tharp humors corroding the mouth of it,caufing fometimes Fainting and cold Sweats.
1. CARDIALOIA, Heart-burning.

Liver and Gall; being caufed by fome impotence in them for the doing of their Functions, in not digefting \& diftributing the humors belong--ing to them ; caufing either || Paleneß of colour, Faintneß, Indißofition to ftir: or Tellomeneßs and Swarthineßof colour, accompanied with faintnefs and naufeonfinefs.
2 SGREEN-SICKNESS, Cachexie.
Stomach and Liver, and other Bowels jointly; which,being defective in the works of Concoccion and Diftribution, do occafion a fuperfluity of ferous matter difending the skin of the belly and other parts of the body, accompanied with fome mind:and fometimes a windy vapour,accompanied woith fonve watery humors, fretching the belly.
3. \{DROPSY, bydropical.
3. \{TYMPANY.
spleen; by its difperfing four and feculent bumors; or noxious vapors, into other parts of the body; the former of which is ufually accompanied with faintnefs, wearinefs, loofnefs of teeth, fpots on the body, and feccially on the legs.'
SSCURVY, scorbite.
4. \(\{\) HYPOCHONDRIACAL VAFOURS, splenetio.
Chap. IX. Spiritual Action. 225

Guts ; \(\|\) from fome Sharp humor that corrodes, or vapor that diftends the Co-
lon : or from fome bardned excrement, or fome other like matter, flopping the Ilia or fraaller Guts.
5. SCOLIC, Beelly-ach.
5. ZILIAC PASSION:

Faculties of excretion; whether by
(Stool; cither as to the excefo of this: or the voiding of blond.
6. SDIARRHEAA, Lax, Loofenefs, Flux. -
6. ¿DISENTERY, Bloody flix.

Urine; eixher by fome fony concretion in the Kidaeys or Bladder: or a continual involuntary urining by drops.
§STONE.
7. \(\{\) STRANGURY.

Lower part of the belly or Scrotum; \(\|\) by a breach of the internal Membranes, or too much diftention of it, or by fuperfluity of waterifh or wimds matter: or in the Veins about the Fundament.
8. SRUPTURE, Hernia, Burft, Brokew-belly.
§HEMORROIDS, Files.
Mother or Womb;by||caufing comanffre motions:or feopping of the Breath. 9. SHYSTERICAL PASSION, Mother.
9. §SUFFOCATION.

\section*{CHAP. IX.}

\author{
Concerning the Predicaesent of Action; the feveral kinds of it. I. Spiritual. II. Corporeal. III. Motion. IV. Operation.
}

NExt to the Predicament of Quality may fucceed that of Action; the feveral kinds of which may be diftributed into fach as have for their Agent a
Spirit, or fpiritual faculty, called SPIRITUAL ACTION.
BBody, or material fubitance, refpecting chiefly cither the
(Actions of Animate bodies, called here CORPOREAL ACTION.
. Paffage of bodies from one place to another, ftyled MOTION.
- Sundry kinds of works, about which men of feveral callings ufe to imploy themfelves, ftyled OPERATION.

\section*{SPIRITUAL ACTION.}

THe Genus of SPIRITUAL ACTIONS, may be diftributed into \(\uparrow\). I. fuch as do belong either to
SGOD. 1.
ZThe Soul, with reference to the
\(\left\{\begin{array}{l}\text { Underfanding. } \\ \left\{\begin{array}{l}\text { SPECULATIVE. II. } \\ \text { PRACTICAL. III. }\end{array}\right.\end{array}\right.\)
WILL. IV.
( Fancy or Appetite; the Actions of which are Ityled Affections or Palitions, and may be diftinguifhed into fuch as are either more.
\(\left\{\begin{array}{lc}\text { SIMPLE. } & \mathrm{V} . \\ \text { MIXED. } & \mathrm{VI} .\end{array}\right.\)
\{MIXED. VI. \(\quad\) Gg I. By
1. ACTION; EF GOD:
I. By ACTIONS OF. GOD in this place, are meant only his tranflent Actions, which are terminated in the Creatures. As for his immanent Actions, becaufe we can frame no other conceptions of thefe but fuch as are futable to the acts of our own minds, therefore may they be fufficiently expreffed by thofe that followo in the next Differences. Thefe tranfeitt Acts here eriumerated, do primarily belong to the Divine Nature; though fome of them miay in a fecondary manner, and by way of allufion and participation, be fometimes afcribed to other things: To which may be annexed upon the account of Affinity the general name of thofe Actions which do exceed all Natural power, MIRACLE, Wonder, fipernatural:

Thefe are diftinguibable into fuch as do concern either the
Putting of things into their firf being: or reducing them to nothing.
I SCREATION, Making, Creator, Creature,
- \(\{\) I. \{ANNIHILATION, Annul, dijannul, abolifh, extingnifh,bring to nougbt, (Government or difpofal of things; (call-it, cancel, put out. [More general; whereby he doth molt freely and wifely take eare of, and provide for all things: To which may be oppofed by fome Analogy fuch a neceflary Concatenation and wnalterabie order amongft things as doth not admit of any liberty: or fucb a blind contingency of things as excludes all mijdom, expreffed ufually by the words,
2. \(\left\{\begin{array}{l}\text { PROVIDENCE, Fore.jight, Fore-caft. } \\ \text { FATE, Definy. }\end{array}\right.\)
\{FORT UNE, Cbance, Accident, Venture, Adventure, cafual, Haf;, Luck, Hazard, fortwitous, a Hit, peradventure, perbaps.
Alore fpecial; belonging either to
in Animate Creatures; by
Cowtributing to their || well : or ill being.
3. \(\{\) BLESSING, Beatitude, Benedicfion.
3. §cURSING, accurfe, ban, Malediđion, Exccration.

Continuing them in their particular kinds of Being:- or depriving them of it.
\(\{\) PRESERVATION, Confervation, Protedtion, Keeping, maintain, fave, Saviour, Jselter, gward, keep, cherijh.
DESIRUCTION, Perdition, Confufion, Bane, Devaftation, Loff, perniciows, Jubvert, wndoe, ruine, confound, extirpate, abolijb, bring to naught, froy, deftroy, caft anvay, perifh, cut off, maft, confume, diffolve, exterminate, extinguifh, fall, gone.
Keeping or taking them from any evil felt or feared : or leaving them to it.
\(\{\) DELIVERANCE, Resfue, Save-iokr, Salvation, free,quit, rid, 5. \(\left\{\begin{array}{l}\text { clear, exempt. } \\ \text { DERELICTTON }\end{array}\right.\)
(DERELICTION, deftitute, forlorx, deferting, give vp, relinquifh, caft off, deliver up, forfake, leave, forgo.
Rational Creatures; as to their
[Minds; by difcovering to them, or impreffing uponthem, in an extraordinary way, fuch Truths or Inclinations as humane induftry could not of it felf attain to.
6. \(\left\{\begin{array}{l}\text { REVELATION, open, difclof, difcover, Vifion, Enthufafor, Fa- } \\ \text { INSPIRATEON, }\end{array}\right.\) 2INSPIRATION, infife. (natic, Orack. States; by delivering thems from a condition of fervitude \& mifery. 7. REDEMPTION, deliver, fave, ranfom, refcwe.
II. \(\dot{A} \dot{C} T \mathcal{F}\)
II. 'ACTIONS of the UNDERSTANDING and Judgment SPECULA- n. peTIVE, Contemplation, Theory, are fuch as do concern the various excrcife of our CULA. Underftandings about the Truth and Falfiood of things, with respect either to croons Underftanding; being either (the Under-
Preparative; in the first Objectization of a thing: or the reflexive Thought \({ }^{\text {andingi: }}\) about it, together with what elfe one knows of that kind.
\{THINKING, Cogitation, bethink, deem, imagin, effect Conceit, Notion,
1. \(\{\) Thought-ful, penfive, mind it, fuggeft, put in ones head,
(MEDITATING, Study, confidering, aft about in ones mind, muse, contemplate, Elucubration, think, fore think, premeditate, ponder, extempore: operative; in \(\mid\) the comparing of things to find out what is Truth: or the Thought refulting from fuch comparifon.
S INQUISITION, Examination, Search, Scrutiny, exploration, invefigate,
2. \(\left\{\begin{array}{l}\text { Difquiftion, feck, difcuß, hunt, cauvaje, caff water, Queft, Inqueft. }\end{array}\right.\)

L DISCOVERY, detect, find, perceive, lift out: pick out, Invention, excogi-
(tate, Author, Inventor, tell, inkling,'tis out. Primary; in judging foch difcovery \(\|\) agreeable to Truth: or difagreeable. (More general.

ASSENT, Consent, accord, agree, concur, allow, acknowledge, yield, , un \(f\) frage, Voice, Vote, of the Jame mind, think good.
DISSENT, differ, difagree, of another. mind, Discord. More Special; a according to its arguments; as

\section*{[Proceeding from Canes}
(Extrinfecal; Teftimony ilfuficient : or infufficient.
\{4. SBELIEVING, Credit, credible, Faith, Truf.
4. \{DIs ELIEVING, Dijcredit, incredible, Dijfruf.

Intrinfecal in the thing it elf; that it is ||conclusive: or not fo conclufive but that it may be otherwife.
5. \(\left\{\begin{array}{l}\text { KNOWING, Cognition, confciow, sift, witting, aws are, privy, Intel- } \\ \text { ligence, learn, inform, acquaint, cognizance, notice, inkling, ire- } \\ \text { Science, onnifcient. } \\ \text { DOVBTING, misdoubt, mijfruft, diftruft, fufpence, hanging flagger- }\end{array}\right.\) ing, befitate, pendulous, dubious, ambiguous, at a fland, fisk at, Quandary, Scruple, Sceptic, uncertain, Apocryphal,' 'ts a quefion. Productive of there Effects in \(\|\) higher, or lower degrees.
6 CERTAINTY, Affurance, fare, evince, convince, demonftrate, avi-
6. \(\{\) dence, unilonbted, out of doubt, without doubt, doubtless, infallible. (OPINION ,Conceit, Judgment, Sentiment, Mind, Tenet, think, Suppofe, furmife, ween, overwoen, unanimous, likely,probable:prejudice, applebend, fancy, repute, deem, Verdict, Sentence, hoot ones bolt.
secondary; judging of Truth found, as to the
(Consequence of it, in refpect of other things to be concluded from it, or to follow upon it; in 1 befit : or in Hypothefi.
SREASONING, Difcufjing, Arguing, Ratiocination, Logic.
¿CONJECTURINQ, Guef/ing, furmife, divine, mind gives, conceit, Ire-
Importance: or frivolonfnes of it.
(Sumption, probable.
\(\{\) ESTEEMING, accounting, prizing, valuing, rating, regard, refpect,re-
8. \(\{\) pate, count of, care for, think-mell of, et by, gand upon, credit, prefer. (CONT EMNING, defiling, lighting, undervaluing, difregarding, Jet at nought, firn, diflain, abjectneß, defpicable, vilified, dijefteem, neglect, Jet light by, make nothing of, I pass not for it, Nickname, Diff.

G gi
III. ACTH-
III. ria ctical ACTICNS of the U'n. deiftand. ing.
III. ACTIONS of the UNDERSTANDING and Judgment PRACTICAL, do concern the enquiry after and taking notice of the Nature of things, withreference to their Goodneßor Fitnefs to any purpofe. They are diftinguifhable, is the former, by their refpect to the
Underftanding; being either
[Preparative, in the firft Objectixation of a bufinefs: or the reflexive Thought about it, together with what elfe one knows of that kind.
i. SDELIBERATING, ponder, weigh, forecaf.
1. \{OBSERVING, advert, animadvert, give ear, attend to, beed, regard, give ones mind to, look to, mark, note, mind, pry, peep, watch, take notice, notable, retsarkable, overfec, overlook.
Operative, in || the comparing of means to find which is expedient : or the Thought rejulting from fuch comparifon.
(CONSIDERATION, revolve, \(\int\) can, advife, forecaft, recognize, premedi-
2. \(\{\) tate ponder, perufe, fudy, recount, reflect, reviem, revife, weeigh, betbink, confult, caft in ones mind, retroßection, ruminate.
INVENTION, devijing, excogitate, find out, make, Author.
Judgment;
Primary \(;\) in judging the thing found to be \(\|\) agreeable to its end:or difagres. [More general. (able. APPROVING, liking, allowing, think qood, take well, fancy bim, find 3. \(\left\{\begin{array}{l}\text { a Bill, currant. }\end{array}\right.\)

DISAPPROVING, difliking, difallowing, difavom, miflike, condemn, explode, reprobate.
(More ßecial; according to its motives; as
Froceeding from Caufes
[ Extrinfecal; Warranty \(\|\) fufficient: or infufficient. STRUST, Confidence, betruft, entruft, rely, repofe, enfeoff, recommend, credit, cbarge, reft upon. DISTRUST, Mijfruft, Diffidence, Sufpicion, surmize, Fealoulie, Umbrage, call in queftion, miJgive.
Intrinfecal in the means it felf; |l conclufive that it is fo: or not fo conclufive but that it may be otherwife.
SSATISFACTION, Content, lacquiefce, refolve.
\{SCRZPLE, Doubt, difatisfie.
Productive of thefe Effects; in \|bigher: or lower degrees.
SASSUR ANCE, Confidence, Jure, certain, refolved, fecure, confirm.
6. \{PERSWASION, think, believe.

Secondary; in judging of expedients found, \(\|\) as to the ufe of them, bow they are to be ordered and managed: or what is like to be the event of them.
SCONTRIVING, projecting frame, machinate, plot, forecaft, caft about,
7. \(\left\{\begin{array}{l}\text { or in ones mind, find a poay, devife, Conveyance. }\end{array}\right.\)
(EXPECTING, look for, wait, gaping after, mind gives me, make account, ftay for, patch for.
IV. ACTIONS OF THE WILL. Under this Head are to be confidered the ons of THE Wicl.

FRinds of fuch Actions; belonging either to the
[ End as future; comprehending Acts more
simple;
Imperfect and diminute; \(\|\) for:or againft one thing rather then another.
\(\left\{\begin{array}{l}\text { INCLINATION, I'ropenfity, Proclivity, Pronene } \beta \text {, Formardme } \beta \text {, }\end{array}\right.\)
1. \(\{\) bavkering, baving a mind to, Prejndice for, bent, addialed. (Al'ERSION, Trejuclice againft, un moillingnefs. cognç, ftand off.

Impedite


Inipedite and conditional; \(\|\) for: or againgt a thing, if left to it felf.
SVELLEITY, Wou'ding, Wifoing, Defire, Lijt, Vote, Will, Mind,
2. \(\{\) Option, rather.
(NOLLEITT, Backvardneß, go againft, grudge, loth, Regret, Relu-'
Clancy, think wnch, rather not, unwilling, with an ill will.
Terfect; denoting \(\|\) the determining of it felf to do, or not to do : or the taking of farther time to confider.
(PURPOSING, Intention, Decree, define, determine, appoint, de-
3. \(\left\{\begin{array}{c}\text { Jign, refolve, ordain; mean, nonce, b } \\ \text { ones mind, predestinate, preordain. }\end{array}\right.\)

DEMUR RING, befitating, bainging, Jufence, jtick at, 2uandary.
!Complicate; towards an object confidered as difficult, lignifying \| the purpofe of doing it notwithftanding fuch Difficulties: or doubting becaufe of fuch Difficulties.
4. SRESOLUTION, Fixedneß, determined.

ZWAVERING, fluctuate, banging, fufpence, irrefolute, ftaggering.

\section*{Means;}
[Antecedently; determiximg mbat to \|take: or leave.
SELECTION, chufing, felect, choice, cull, picking, prefer; Set afide;
5. \(\begin{aligned} \text { option, Pre election, predeftiwate, rather. }\end{aligned}\)

RE'FECT ION, refufe, Preterition, paßßby, caft off, caft afide, caft ampay,
reprobatc, repudiate, renounce, explode, out-calt:
Confequently; || costimuing in the purpofe of ufing fuch means: or ceafing fuclo purpofe.
SPROSECUTING, perfevere, perfift, boldon.
¿DESIST ING, giving off, leaving, ceafe, farceafe, end, terminate, determin, ftay, reft, paufe, forbear,' withdraw, falter, Juperfede, break off, go out, give over, lay afide, or down.
EEnd obtained; as to the \|reftingicr not refting of the Will in it as good. (DELECTATION, Fruition, Rejoycing, Foy, Gladneß, Delight,Com-
fort, Complacence, Pleafure, Solace, Satisfaction,Content.placid, pleafe, affect, acceptable, delicious, speett, weelcome.
DISPLACENCE, Sorrom, Grief,Difcomfort, unpleafant, irksom, grievous, Offence-ive, Difguft,Diflike,Difaft, fomach.nnacceptable gräting, malecontent.
Affections; either of the
Will it felf in its actings; confifting in \|its bazing a power of applying it felf to the doing or not doing thisor that: or not having fucb power.
8 \{LIBERTY, arbitrary, free, may, may chaje.
\{determination to one, muft, cantrot cbuje but, limit, Neceffity.
Actions of the Will; denoting \(\|\) the doing of things according to the free inclinations of our orm minds: or the being neceffitated by fome external impediments to do any thing againft fuch inclinations.
SSPONT ANEITY, of oines own accord, freely, willing, voluntary;
9. \(\{\) mith a good will, unbidden, gratis, ready.
(COACTION, Compu fion, Conftraint, Force, enforce, Violence,unmoillingnefs, mau \({ }_{\xi} r e\), perforce, extort, wrench, wreft', in Spight, will or nill, driving, pref/ing, bear down, over-atbe.

จ. SIMPLE PASSIONS,
\(\dot{V}\). AIt s of the Senfitive part, namely of the Fancy, and chiefly of the Appetite, whereby the mind is moved and difturbed with the apprehenfrons of things, are ftyled PASSIONS, Affection, Perturbation, pathetic.

Thole amongst thee are called more SIMPLE which confift onely of one fingle Act. They are diftinguithable into fuch as concern things under the notion of
I New unexpected furprizing : or elfe things over-common and too much repeated; without refpect to the good or evil of them, being chiefly a difturbance of the Fancy ; styled
SADMIRATION, marvel, wonder, amaze, aftonifo.
\{TEDIUM, glut, loathing, cloy, darol, naikente.
Good or Evil which we
Tiff to happen to them.
\{FAVOUR, Benevolence, Benignity, Grace, Good mil, kind propiti-
2. \(\left\{\begin{array}{l}\text { ows, ingratiate, Favorite, Dulling, Well-mißher, make much of. }\end{array}\right.\)

MALIGNITT, Malice, Spite, Pique, Grudge, Prejudice, Despite, Difcolrteffe, Disfavour, finifer, virulent, malevolent, ill will, ill minded.
Apprehend to be in them; whether
AbSolute; flowing from |lour general apprehenfions of the Worth of things, and our need of them: or the Evil, and our being hurt by them.
\(\left\{\begin{array}{l}\text { LOVE, Affection, inamonr, dote on, Smitten, amiable, beSotted, } \\ \text { amorow, dear, endear, Darling, Minion, Paramour, spell.belo- }\end{array}\right.\) amorow, dear, endear, Darling, Minion, Paramour, well-belowed, Likings, Fancy, Philtre.
(HATRED, Malice, Rancour, spite, Virulence, odious, abhor, aliominute, detest, cannot endure, Grudge, Pique, Heart-burning, cankered, exulcerate.
Relative to different notions concerning Both Good and Evil; confidered as Present.

MIRTH, Glee, solace, Chearfulnefs, spart, blithe, bliffom, . buxom, frolick, jolly, jocund, jovial, merry, exhilarate, glad, crank, debondir, comical, pleasant, Janguix, nubile. GRIEF, Sadneß, Sorrow, Melancholy, Heaviness, doleful, deplorable, disconsolate, bitter, pensive, dejected, tragical, ruful, ament, moan, bemoan, wail, bewail, lament, Dump, caff down, vex, trouble, cut, take ow, whimper, pule, woo, agony, anguif, mourn, Plaint, Cry, take heavily. Absent and polfible.

S DESIRE, Affection, covet, crave, fain, long for, lift, greedy, Inclination to, hankering, wifh, Concupiscence, eager, earneff, importunate, thirft after, have a mind to.
AVERSATION, Ant ipathy, Regret, Reluotancy, Diftaff,irksom, eschew, fin, avoid, abhor, loath, execrate, cannot endure, or abide,
Chap. IX. Spiritual Action. \(\quad 23 \mathrm{I}\)
labfent and probable; es to
The nature of the ACI.
6. HHOPE, Cruft, Recumbency, Affiance, Rely. \(^{\text {E }}\) FEAR, Awe, Dread, Terrour, Horrour, Confterriation, bideours, dismal, afraid, agaft, formidable, horrible, terrible, fright, fray, terrific, scare, ftartle, daunt, doter, dismay, \(\alpha_{-}\) mate, apple, dare not, terrible, Bugbear, Hobgoblin.
The greater: or lefter degree of this Probability.
\(\left\{\begin{array}{l}\text { CONFIDENCE, Affiance, Truff, build upon, reft upon, rely, }\end{array}\right.\)
7. \(\left\{\begin{array}{l}\text {. repose, secure, pert, in heart, dare, prefume, take to. }\end{array}\right.\) DIFFIDENCE, \(\cdot\) Suficion, Fealonfie, Mijtruft, Difiruft, oui t of heart, faint-hearted, capt down, beartlef, misdoubt, miffgive.
The iffic and event ; which as it is reprefented to have Difficulties in it || either fuperable: or insuperable; fo it excites.
8. \(\left\{\begin{array}{l}\text { BOLDNESS, Courage, Audacity, daring, firry, hardy; }\end{array}\right.\) flout, venturous, pert, malapert, embolden, prefume. DESPAIR, Despondency, forlorn, hopeleß, dash, raft down; deadneßof heart, beartleß, paft hope.
Evil alone, or opposition from others, wherein there is contempt : to which may be annexed by way of affinity (though it be not properly a fimple Paffion) that particular defire of making fuck actions whereby others have been injurious to us, to become hurtful to themselves, fo as they may be fenfble of it.
[ANGER, Ire, Pajfion -ate, Wrath, sharpneß, Rage, Outrage, Bet, Choler, Gall, fume, form, fret, pelt, chafe, vex, take on, inflame, kindle, irritate, inrage, exasperate, incense, provoke, move, fallen, bafty, furious, outragions, mad, look big, 'placable, appeafe, flomack, Animofity, beart-burning, irascible, rough, bot, curt, frappijh, fnarle, souffle.
REVENGE, avenge, Vengeance, vindiäize, wreak.
VI. MIXED
vi. MI. XED PASSI. ONS.
VI. MIXED PASSIONS, are fuch as do not confift of any fingle Act, but are made up of more then one, to be diftinguifhed by the Object they are converfant about, and by the Simple Paffions of which they confift, into fuch [Determined either to Good or Evil; with refpect to
(as are
The particalar intercfl of Repute; being converfant about
Good, which we apprehend to be in it felf bonourable and worthy, implying \|Confidence and Love in the promoting of it: or Confidence and Foy in the owning of it.
SZEAL, ardent, Devotion, earweft, fervent, bot, roarm, intent, eager, Zelot. ¿GLORYINO, Triumph, Exultation, boaft brag, Bravado, Rodomontado, Thrafonical, crack, croro, vapor, vaunt, oftentation. fwagger, vainglory, flourijbing, iake apride.
[Evil, which we apprehend to be in it felf difhononrable and uniworthy: implying \(\|\) a mixture of Hatred and sverfation againft the committing of it: or Sorron and Diffidence for the committing of it.
SSCOR N, Jet light by, fight, defife, contemn.
2. ¿SHAME faced full-lef, abafp, ballofinl, afluamed, out of cointenance, confownd, quaflo, dafh, Imppodence, Turpitisde, put to fluame.
The more general interefts belonging to
;our felves; refpeiling either
[Good that is dear to isf, implying a \(|\mid\) mixture of Love, Anger, and Hope, that we may excel others in it: or a mixture of Love, Anger, and Fear, left we fhould by others be deprived of it.
3. SEMULATION, vi;frive, fruggle.

โJEALOUSIE, Sufpicion, furmize.
[Evil; whether as done
By our felves; \({ }^{\circ}\) being either \(\{\) a mixture of Sorrow and Fear upon diffatisfaction in having committed it : or Sarrow and Defire, as wifhing it had not been committed.
4. SREMORSE, Companction, Contrition, relent, befirew, tronble of 4• ¿REPENTANCE, Penitence, rue. (mind. [Byothers; \(\|\) either a vile thing by any perfon, or ang evil by a vile perfon; implying a mixture of Anger and Hatred: or of Anger and AverfaSINDIGNATION, Scorn, dudgeon, fume, murmure. (tion. 5. \(\{\) DISDAIN, scorn.
others; in refpect of the
'Good befalling them, (as we think) \| worthily, or unworthily; implying a mixture of Love and Foy: or Hate and Grief.
\(\left\{\begin{array}{l}\text { JOY FOR THE GOOD OF OTHERS, Gratulation, congra- } \\ \text { tulate, sympathy. }\end{array}\right.\)
6. \(\left\{\begin{array}{l}\text { tulate, sympathy. }\end{array}\right.\)
(ENVY, spite-full, invidious, grudge, repine, malign.
Evil befalling them, (as we think) || woorthily, or unworthily; implying a mixture of Hate and foy: or of Leve and Grief.
S'emixaipekakía, Foy for the evil of others.
7. \{PITTY, Compalfion, commiferate, condole, relent, ruthful, tender, pooful, yeaxn, Bowels, bemoan, berwail, lament, deplore, sympathy, felloro-feeling. Indetermined either as to Good or Evil, but concerning both corifiting in a diftracion of the Mind by a conflict of any two contrary Paflions: to which may be oppofed (though not to proper to this place) the tranfport of the 8. \(\left\{\begin{array}{l}\text { (MCONY, } \\ \text { EXTASIE, Tranfort, Amazement, Conflernation, Maze, Iraunce, Ru- }\end{array}\right.\)
\{EXTASIE, Tranfport, Amazement, Confernation, Maze, Irannce, Rupture, ravifh, aftomifh, extatical.

COR-

\section*{CORPOREAL ACTION.}

BY CORPOREAL ACTIONS are meant fuch Actions mbofe Agent is a \(\rangle\) : II; Body or Material fubftance. They are diftinguifhable into fuch as are
More peculiur to Living creatures; either more
(Absolute; belonging to
\(\left\{\begin{array}{l}\text { VEGETATIVES. } \\ \text { SENSITIVES. II. } \\ \text { RATIONALS. III. }\end{array}\right.\)
Relative to the
SOutward SIGNS OF PASSION. IV.
¿GENERAL Notions belonging to DEMEANOUR. V.
ICommon with them to other things, to which by Analogy they are afcribed, the different kinds of GESTURE. VI.
1. Corporeal ACTIONS belonging chiefly to VEGETATIVE Bodies, I. ACmay be diltinguifhed into fuch as are either.
the motion tomards a nem form: or from the precedent form; Ayled
2. SGENERATION, get, beget,procreate,propagate, breeding,engender,Gene-
1. \(\{\) CORRUPTION, Difolution, confume-tion. (fis.
secondary and more particular; relating unto the
[Conveying, or receiving in that firft matter wobich, is to le formed into an animate Body.
SIMPREGNATION, beget, pregnant, breeding, teeming, conceived, get
2. \(\left\{\begin{array}{l}\text { with child, big, great with cbild, or egg. } \\ \text { coNcEPTION }\end{array}\right.\)

CONCEPTION, woith child, superfetation.
(Soon.
Bringing forth what hath been thus conceived; either in due time: or too
\{ PARTURITION, Bearing, Birth, Nativity, bringing forth, travail, groning, in labour, lying in, Cbild-birth, eaning, farrowing, kindling, foling, whelping, deliver, Midnoife, brought to bed, cry out, lay egg. ABORTION, mijcarry, Mijchance, caft young, Cafting, untimely birth, slink, fill-born.
Impravement of what is thus brought forth; either
[Pd liar to the Young; implying that more then ordinary tendernefs to be ufed towards things in that ftate, \|whether more general: or that which is proper to viviparous Animals.
SFOTION, cheribing, fofter, foment, brood, Incubation, batching.
4. そLACTATION, giving fuck, fuckle,

Common to Young and old;
(Antecedent; \(\|\) the taking in of futable and fufficient aliment: or the fitting of this aliment by fermentation.
5. \(\left\{\begin{array}{l}\text { FEEDING, living upon, Aliment, Food. } \\ \text { DIGESTING, }\end{array}\right.\)
¿DIGESTING, C.oncodion, put over.
(Confequent from the
Union of the Aliment to the body: and its improving thereby.
6. SNOURISHING, Nutrition, maintain, Nutriment.
6. ¿GROWING, come up: increafe, improve, thrive,spring, Proficient

Union: or difunion, of the Body and Soul.
7. \(\left\{\begin{array}{l}\text { LIVING, Lifé, quick, alive, enliven, vivife, revive, furvive. } \\ \text { vital, Kefurredion. } \\ \text { DIING. Death, dead-ly, mortal, fatal, dy, decenfe, depart, expire, }\end{array}\right.\) give up the ghof, definct, kill, jlay, mortifie, dijpatch, slaugbter; Alortälity, capita!. H h H. Cor̀:

1I. \(\triangle \mathrm{C}\). TIONS
: ENSI. finguifhed into fuch as are either
TIVE. \(\quad\) Miore principal and natural; denoting the kinds of natural Appetite, together with fuch Actions as tend to the fatisfying of them; relating to the i Preforvation of the Individuum, as to the defire of

Nourifloment, for the fupply of Decaye; and that either by
[Food: or Meat.
SHUNGER, Appetite, Stomach, eager, greedy, ravenous, Famine, fllarp-Set.
EATING, dezour, gorging, fall to, Meal, Repaft, Refection, Food, Meat, Aliment, edible, Viands, Villuals, fall to ones Meat.
Liquor.
STHIRST, dry.
2. \{DRINKING, Potion, potulent, potable, quaff, foop, foaking, lap, fooit, carou/e, Sip, tipple, bibble, guzale, Draught, Drench, Water, Butler, Buttery, Ceillar.
Reft and refrefhment after labour and wearinefs \(;^{i}\) comprehending the [Appetite or inclination after this: or the Satisfaction of fuch Appetite, confifting in a ceffation from all Actions of the outward Senles, by a relaxation of the Nerves.
3. SDROWSINESS, Heavineß.
3. \{SLEEPING, afleep, dormant, a Nap. lull, slumber, narcotic, roof.

State fuppofed, belonging to this Appetite, or the Satisfaction of it, denoting the general Action of the Senfes: or the working of the Fancy in fleep.
4 SWAKING, awake, match, Reveiles, raife from fecp.
Propagation of the species.
5 LUST, Salasity, Lechery, Vinery, Concupifcence, libidinows, carmal,
5. \(\left\{\begin{array}{l}\text { feflily, blifom, clicket, prond. } \\ \text { form }\end{array}\right.\)

COITION, coupling, gendring, lie zrith, know carnally, Copulation, rutting, tread, venery.
Leß principal and preternatural; referring to feveral affections of the Touch, and different kinds of Pain; being either
: Proper to the skin and outward parts; caufed by an agitation flome thin Vapours foopped in their expiration, which is remedied by fuch a kind of affriction weith an edge as doth open the Pores, that the Vapors may tranfíre.
6. SITCHING.
\{SCRATCHING, scraping, clawing, scalping-iron.
[ common to other parts; and caufed by
Diffention or comprefion of the parts: or fiarpnteß of bumours.
7. SAKING, Ach.
7. \{PRICKING, Crick, pungent, /barp, stitch.

Dijfipation of the Spirits in the fofter parts by a light touch : or corrofion of the membranous parts.
8. STICKLING, Titillation.
\{SMARTING, piercing.
Obftruction either in the Nerves or Nufcles; caufing || fome vellications ise the Nerves: or a bot punzent pain in the Mufcles.
9. \(\left\{\begin{array}{l}\text { TWITCHING, Vellication, Pinching. } \\ \text { TINGLING. }\end{array}\right.\)
III. The
III. The Corporeal ACTIONS peculiar to Men, or the feveral wayes III. ACTI-of expref/ing their mental Conceptions, are either by
[Articulate founds; confidered according to
The general name, together with the privation of it.
(SPEAKING, talk, utter-ance, mentioning, Elocution, pronounce, expreß, deliver, Prolation, spokes-man, effable, zoluble, fluent, fay, tell, mutter, mumble, jabber, jargon, vein, Grammar, Rbetoric, Oratory, Eloquence, Prolocutor, nuncupative, by moord of, mouth.
MUTENESS, dumb, ןpeechle \(\beta\), filent, blank, tongue: tied.
The defects of 乃eaking, as to \(\|\) the continuity of Jpeech : or the prolation of fome particular letters.
SSTUTTERING, stammering, falter, hammer.
2. そLISPING.

The degrees of londne \(\beta\) in fpeaking; either \(\|\) without any vocal found: or mith muchnoife.
3. \(\{\) WHISPERING, mutter, round in the ear.

EEXCLAMATION, Acclamation, holloom, boot, boop, Bont, banl, clamor, cry, Lure, Out-cry, roar, _creech, fcream, fqueak, fqueal, loud, lift up ones voice, fet out ones throat.
The particular kinds of ßpeaking; referring
(Tofuch words as we fec before ws.; either \(\|\) more perfect: or imperfect.
4. SREADING, Lecture, Lefon, legible, pernfe.
\(\{4 \cdot\{\) SPELLING.
To the manner of ordering our voice according to mufical Tunes; either \(\|\) the more perfect : or the more imperfect att cmpt.
5. \(\{\) SINGING, song,Ditty,Ballad,Carol, Canticle, Lay, Ode, Madrigal, . \(\{\) Eclogue, canorous, Nhodulation, cbant, Chorifer, 2uire. ©CHIRPING, guefing, quittle.
The feveral relations of Jpeaking; mber we fay that to another wohich we expeat foould be || repeated: or mritten by him.
6. SDICTATING, prompting, fuggef.
¿ENDITING.
Figures reprefenting either words or things, and made either ||immediately by mens hands: of by the impreffion of Types.

WRITING, penining, dramoing, engroffing, Hand, Manufcript, fubfcribe, superfrribe, infcribe, tranfcribe, Poltfcript, interline, indorfe, foravole, fcrible, rude draught, Pex-man, Scribe,Writer,scrivener, Secretary,
7. Clerk, Note, Ticket,Docket, Short-band,Tachygraphy, Brachygraphy, Cryptography, fet ones band, fet down, take or put in avritimg,' enter into book, worite out fair.
PRINTING, Imprint, Imprelfjon, typograpbical, Type; Preß, put ise Print.
IV. The OUTWARD SIGNS OF our inward PASSIONS, are eiOF PASSL ther ONS.
[Morepeculiar to fome fingle Paffions; as to
Admiration : or Sating; Straining the \(\|\) eyes : or the broms.
1. \(\{\) STARING.

ZMOVING THE BROWS
Love: or Hate; expaxfion: or contraltion of the Mufcles of the Face.
2. SSMILING, fnirking, fnearing, fimper.
2. \{LOWRING, powiting, fcomling, frowning, grinning, look Jompre.

Mirth: or Sorrow.
. LAUUGHING, deride, ridiculows, giggle, chuckle, tibi, flicker.
3. \{WEEPING, mourn, cry, Tears, mailing, Plaint, bemoan, bewail, lament, blubber, hed tears, wobining.
Defire: or Averfation; fcruing the lody: or magging the head.
SWRIGLING
MOVING THE HEAD, Nodd.
Hope: or Fear ; expreffed either by the
Body or parts of it; being \(\|\) moved once and quick: or oft and continuedly: or deprived of motion.
SSTARTING, flinching.
5. \(\left\{\begin{array}{l}\text { TREMBLING, quaking, foaking, Aiudering, Trepidation, qui- }\end{array}\right.\) vering, fliver, quaver, chatter. \& RIGOR, Horrour, stifneß.
Breath; \(\|\) emitted Sort and quick: or emitted fow and long: or Jucked up fuddenly.
6. \(\{\) HUFFING, fnuff, puff. \(\left\{\begin{array}{l}\text { sIGHING, sobbing. } \\ \text { sVICKING up the breath, friff. }\end{array}\right.\)
Confidence and Diffidence: or Boldneß and Deßpair; fetting the bands againgt the fides: or heaving up tbe Jhoulders.
SKEMBOING.
7. \(\{\) SPANISH SHRUG.

Anger: or Revenge; by emi)/fion of the breath; either \|vocal, but not articulate: or articulate, but not diffinclyintelligible.
8. \(\left\{\begin{array}{l}\text { GRONING. } \\ \text { GRUMBLING. }\end{array}\right.\)

More common to feveral Paffions; by difcolouring the countenance \|mpith. a greater degree of Redné \(\beta\) then doth belong to the natural hue; appertaining either to Joy, Love, Defire, but chiefly to shame: or elfe woith Whitene \(\beta\); belonging to thofe more violent perturbations of Grief, Anger, erc. but chiefly to Fear.

SBLUSHING, fufo.
9. \(\left\{\begin{array}{l}\text { BLLENESS, wan, ghafly, pallid, appale. } \\ \text { PALE }\end{array}\right.\)
Chap. IX. Corporeal Action. 237
V. The general notions belonging to DEMEANOUR, Carriage, Y. DEME \({ }_{3}\) Comportment, Deportment, Garb, behaiv, or the manner of our convering Nour. towards one another in refpect of fuch Corporeal Actions as either cuftom or common opinion hath put a decency and fitneßupon, are con-. fiderable;either according to the
More general kinds; denoting
The endeavour to expreß our refpect to others; by \(|\mid\) going to them : or ftaying by them or for them.
1. SVISITING, go to Jee.
1. \(\{\) WAITING, Attend-ance, Serve, Retinue, Train, Valet, Page, Lacquey, sfay for, tarry for, tend.
The congreß or meeting of others, in refpect of || our applying owr feloes to them: or their receiving or ufing of ws.
SALDRESSING, accoft.

The kinds of gefture, or mords, figmifying refpect.
3. SALUTATION \({ }_{2}\) caref \(\mathrm{Sing}^{2}\), accoft, greet, hail, commendations:
(More fpecial kinds; confifting in
iGeftures.
At a diffance; by bowing of the \|Body: or Knees.
4. SCONGEEING, cringe, duck, make a leg, crouch.
-4. 2 CURCHEEING, Genuflexion.
Near; either more
Ruftic.
5. \(\{\) CLAPPING.
5. §SHAKING HANDS.
(Gentile; by joyning of the \|| Body: or Face.
6. \(\left\{\begin{array}{c}\text { EMBRACING, clafping, clip, coll, graff, bug, twine. } \\ \text { KISSING smat }\end{array}\right.\)

ZKISSING, Smack.
words; whereby we exprefs
(Our \(\|\) efteem of others: or our bufine \(\beta\) with them.
SCOMPLEMENTING, Court line \(\beta\), Care/Jing.
¿CONFERRING, comimune, parley, talk, treat, ,peak with, Dialogue.
Our good mijbes to others; either at our'|| firft mecting : or parting.
8. SSALVEDICTION, accoft, greet, hail.
\{VALEDICTION, adiex, farwell, take leave.

VI, GESTURE,
VI. GESTURE, ACIion, Behaviour, Gefticulation, Mimio, doth denote fuch an Animal action or motion as alters the ficuation of the whole or parts of the body: To which the word POSTURE, Pofition, may be annexed by wfy of affinity; fignifying the fituation in mblich fuch motion is determined. The feveral kinds of thefe Geftures and poftures (which are applicable likewife to inanimate things) do refer either to the weigbts being incumbent upon fomething.
Below it: And thele are diltinguifhed according to the imaginary progrefof that body or the parts of it,

\section*{\{ 2 ppoard; either more}
(Direct.
SRISING, arife, raife, roufe, ly up, fit up, fand up, rear, elevate, lift up, erect, exalt, Refurrection
STANDING, Station-ary \({ }_{2}\) Foot ing, Perch, Rampant, oblique.
Keeping the beight, and
(Inlarging the terves.
STRETCHING, retching, extending, Disfention, Expanjfon,
produce, \(\int\) prein, trein, draw out.
< SSPREAD, fquare.
Narrowing the terms.
3. \(\left\{\begin{array}{l}\text { SHRINKING, contracting, Coarctation, couch, gather up. } \\ \text { CRUMPLE }\end{array}\right.\)
\{CRUMPLE, fnudge.
CAltering the beight, by motion of the
Trunk.
 Lomer Limams. \{ Hipps. \(\left\{5 .\left\{\begin{array}{l}\text { SITTING, fet, fedentary, feat } \\ \text { SATE, fquat. }\end{array}\right.\right.\) \(\ell_{\text {Knees. }}\)
6. SKNEELING, Genuflexion, fall on knees.
6. \(\mathrm{OON}^{\circ}\) KNEES.

Dosomenard \(;\) either more.
(Direct.
SFALLING, foll, ciff down, fink:
ZLYING, Proftration, groveling, lay, along, all along, flat, level,
conch. oblique.
8. \(\left\{\begin{array}{l}\text { TURNING. . } \\ \text { REVERSE, inverted. }\end{array}\right.\)

Above it; whether \|partly : or whollys each of which is either motion or reft.
9. \(\left\{\begin{array}{l}\text { CLINGING. } \\ \text { HANGLNG, pendent, fußpended, dangling. }\end{array}\right.\)

\section*{MOTION．}

THat Action whereby things do pals from one place to another is ftyled \％．III． MOTION，vove，remove，fir，swag，乃aake，quetch，Alog，jog，fart，jerk， bridge，diflodge，flitting，／bufle，fouttle，rummage，agitation，going，palfing，trainsferr， place，make a ftirr．

R EST，Quiet，fill，unmoved，repofe，fedate，fettle，ftaind，ftays ftand or ly fill； Requiem，eafe，Pauje，acquiefce，fettle，fit，lodge，lull，sabbath，dead of the night， take reft．

By the word Motion here is meant Local Motion，which doth alwayes ac－ company Gorporeal Action，upon which account many of the Species under this Head might，if there were convenient room for them，be reckoned under the former；but their places here may ferve fufficiently to exprefs and diftin－ guifh them．This Lacal Motion of bodies may be diftinguifhed into
Natural．
SOf the mobole；more
\(\{\) General，refpecting the Kinds of Animal PROGR ESSIVE MOTION．I．
PParticular，referring to the VARIOUS NOTIONS OF GOING．II． Cof the parts ；confidered
SMorelargely；as belonging to ANIMAL ACTION IN COMMON．III EAs reftrained to the Acts of SPURGATION．IV． ¿EXERCISE．V．
IVIOLENT MOTION according to the feveral kinds of it．VI．
1．Kinds of ANIMAL PROGRESSION，may refer either to
t．And：
Beafts；more \(\|\) perfelt：or imperfect．
MAL
SGOING，greffive，a Step，Pace，Gate．
1．\｛HALTING，Cripple，lame，limp，hobble，foundred．
PRO．

Birds；on the
［Air；by the motion of the wings ：to which may beannexed that other kind of Motion of the wings whereby Birds ufe ta keep themfelves up in the fame place with little or no Progreffion．
2．SFLYING，futtering，Soar，velatile，toure．
2．\(\{\) HOVERING．
1Water ；either｜｜upon it ：or into and under it．
SFLOTING．
3．そDIVING，duck，plunge：
Fifh；either｜｜more generally mithin the water ：or more fpecially down－
4．\(\left\{\begin{array}{l}\text { SWIMMIN } \\ \text { SINKING。 }\end{array}\right.\)
Infects；as
Grafhoppers and Fleas，\(\sigma c\) ，the more \(\| p e r f e d t\) ：or imperfect．
5．\｛LEAPING，skipping，jump，frisk，fpring，caper，curvet，bound．
． KHOPPING．
（Ants ：or Worms，Grc．
6．\(\left\{\begin{array}{l}\text { CREEPING，crampl，Sprawl，reptile．} \\ \text { WRIGLING，infinuate，forue or mind bindelf ini：}\end{array}\right.\)
Though each of thefe Motions do principally belong to fuch kinds of li－： ving Creatures，yet are they not fo to be reftrained to them but that they may be tiruly afcribed to others．

解．The
II. II. The feveral NODES OF GOING, may be diftinguined into

MODES TThe Solf-motion or Ition of Animals;
ing.
On an ordinary Plain or declivity; according to the
Leffer: or greater degrecs of Velocity.
1. WALKING, Ambulation, Procelfion, Perambu!ation, go,made, Ford,
1. \(\left\{\begin{array}{l}\text { waddle, Lacquey, Path, foot it, trip along. . (man. }\end{array}\right.\)

Different M1otion of the four legs; \(\|\) when either thofe of one fide move.
together: or when they move croß and diagonally.
2. \(\{\) AMBLING, pacing, thorough-paced.
\{TROTTING, prancing.
Diffexent Extenfions \(\|\) of the body according to beight : or of the legs ac-
3. SSTALKING, jetting. Arutt,portly going. (cording to mideneß.
3. \(\{\) STRADLING, \(\operatorname{Itride,~} a \cdot\) ftride, divaricate.

Difficrent Modes, whether more \(\|\) regular: or irregular.
SSTEDUY.
4. \(\{\) STAGGERING, reeling, Vacillation, Tottering.
on a very fmooth Plain.
5. \(\left\{\begin{array}{l}\text { SLIDING, glide, flipping. } \\ \text { STUMBI ING }\end{array}\right.\)
5. 2 STUMBLING, Titubation, blunder, falter, lapfe, fip, trip.

On a difficult Declivity, \(\|\) uppards: or dosonwards.
6. SCLIMBING, clambering, faling.

The leing carried by fomething elfe ; on \(\|\) the Land: or Water.
7. \(\left\{\begin{array}{l}\text { RIDING, being borfed or mounted, taking borfe, Poft-ilion. } \\ \text { SAILING, Navigation,Voiage, launch,take water or Jbip,embark, waft }\end{array}\right.\)
III. Aninal MOTIONS belonging to the various parts, are either

\section*{[More principal;} OF PARTS.
(Of the Heart originally, and from thence of the Bloud in the Arteries: to
which may be adjoyned the Alotion of the Guts.
SPULSE, throb, beat.
(Of the Lunys, \|more general, or the Sound made bjome impediment of breathing through the Nofe.
2. \(\left\{\begin{array}{l}\text { RESPIRATION, breat } \\ \text { SNORTING, fnoring. }\end{array}\right.\)

Leß principal; of the
Mouth and Thorax; by the forcible \|emiffion, or attraction of Breath.
3. \(\left\{\begin{array}{l}\text { BLOWING, puffing, blaft. }\end{array}\right.\)
3. \(\left\{\begin{array}{l}\text { sVC'IION, fupping, fip, foop, drawing, emulgent, fnuff up: }\end{array}\right.\)
| Diafhragm or Stomach; agitated by a convulfive Motion || upwards,or SSOBBING.
4. \(\left\{\mathrm{HICCOLIGH}, r_{e x}\right.\).
'Japos; by a
Repeated Motion in the \(\| f i r f\), or fecond preparation of Food.
5. \(\left\{\begin{array}{l}\text { MASTICATION, chewing, champ, gnawing, browzing, mumble. }\end{array}\right.\)
5. \(\{\) RUMINATION, chewing the cud.

Single Motion; to which may be annexed that Motion of the mufculous parts of the body, caufed by fome flatulent vapours.
6. \(\left\{\begin{array}{l}\text { YAWNING, gape, offitation, gafp. } \\ \text { PAND!CULATION, retcling, firetcbing. }\end{array}\right.\)
lTongue

LTongue, ar Throat.
7. \(\left\{\begin{array}{l}\text { LICKING, lap, } \Omega_{\text {lip. }} \\ \text { SW ALLOWING }\end{array}\right.\)

7• 2SWALLOWING, gulp, ingurgitate, devsur, pouch, gobble.
IV. Thofe kinds of AEtions whereby feveral Animals do caft off fuch excrementitious parts IV. PUR:
as are offenfive to nature are fyled PUR GATION, voiding, evacuating, Excrement, fluxing: GATION.
to which may be oppofed the Notion of BINDING, coftioe, Atyptic, reftringent, aftringent.
Thefe Motions may be diftinguifhed by the kinds of parts fo amoved; either the more
[Vaporous and windy; from the
\(\left\{\begin{array}{l}\text { Head. } \\ \text { I. SNEEZING, neeze, Sternutation. }\end{array}\right.\)
\(\left\{\begin{array}{l}\text { 1. SNEEZING, neeze, Sternutation. } \\ \text { Stomach mpwards, or Guts downmards. }\end{array}\right.\)
. \(\left\{\begin{array}{l}\text { BELCHING, parbreak; breaking wind upwards. }\end{array}\right.\)
\{FART ING, breaking rind downspards, Scape.
Serous and woatry; from the
rwbole babit of the body.
3. \(\{\) SWEATING, Exndation: diaphoretic, fudorific, all in a waster.
3. 2 TRANSPIRATION, breaihing, Evaporation, Effuviam, Perfpiration.

Head.
〔SPITTING, Salivate - ion, Spittle, befpit,/pazel,befpawl,flaver,drivel, Flux:
4. \{BLOWING THE NOSE, mucous, Snivel, Snot.

Lungs and Chift.
¿COUGHING.
5. \{EXCTREATION, baking, bemming.

Greater or leffer Veins.
6. \(\{\) BLEEDING, opening a Vein, Phlefotomy, let blond, draw blood, Lancet.
6. \(\left\{\begin{array}{l}\text { SCARIFYING, lasce. }\end{array}\right.\)
skin.
7. \(\left\{\begin{array}{l}\text { BLISTERING; Vofication, cauftic. } \\ \text { CUPPING }\end{array}\right.\)
7. \{CUPPING.
- Bladder.
8. URINING, pis s, make mater, bold ones mater, Aale, diurretic, Diabetes, Dy \(\int w r j\).
[Confiffent and grofs parts; from the || Stomach upwards, or the G wts downwards.
SVOMITING, fpewing, caffing, difgorging, panke, regurgitate, retching.
¿DUNGING; phrging by liege, going to fool, frour, Draught, Lask, laxative, Loofnefs; muting, Soluble, fometive, Muck, Oridure, Siege, Stool, Sir reverence, excrement, eafment, eafe the belly, Fakes, Privy, Honfe of office.
V. By RECREATION, Diverfion, Paftime, Sport, Exercife; are meant thofe feveral V. RE.
kinds of A\&ions which are ufed for divertifement or Exercife: to which may be annexed the word GAME, Play, Prize, lignifying fuch kind of Exercifes, wherein there is an en--Mind; depending upou
(deavour for Maftery. Thefe are either of the
\{ Cbance onely; according to \|f the more general name : or that particular kind which is
moff frequent by marked Cubes.
SLOT, Sortition, Cuts, Ballot, caff or draw Lots.
1. 2DICE, ^ D \({ }_{1, \text { cock-all, rifle. }}\)
? chance and Skill:
2. \(\{\) CHARTS.
2. \(\{\) tABLES.

Skill onely.
3. \(\left\{\begin{array}{c}\text { CHESS. }\end{array}\right.\)
3. \{DRAUGHTS.

Body, in refpect of
The whole; requiring
Strength and Skill. \(4 .\left\{\begin{array}{l}\text { BOWLING. } \\ \text { BALLING }\end{array}\right.\)
(BALLING, T cnnis, Foot ball, Stoul-ball, Sto Ball. Pel.mel. Agility and Skin.
5. \(\left\{\begin{array}{l}\text { DANCING, Masking, Revelis, a Ball, Morice, Mumming } \\ \text {. }\end{array}\right.\)
graulting.
. Strength, Agility and Skill.

vi.Molent VI.The general kinds of VIOLENT MOTION, may be diftributed MOTION. according to the effects upon the thing moved, into fuch as denote Tranflation into a newp place; comprehending
[ Motion tojether; when the Mover fuftains the thing moved: to which may be annexed By way of affinity that other ACfios, by which owe thing fuftains, or binders the falling of another.
1 SCARRYING,bring, convey, bear, ferve, import, waft, weare about one,
I. \(\left\{\begin{array}{l}\text { portable, portage, porter, baggage, vehicle, fare, beer: packborfe. }\end{array}\right.\)
(BEARING, fupporting, fuftain, bold up, prop, Sore up, flay up, upbold, carry, fand wnder, floulder up, bolfter up.
-Amotion, when the Mover and Moved do at the beginning ceafe to be contiguous: or Admotion, when the thing moved doth end in a contiguity of fomething elfe.
(coit, fling.
2. ЗCASTING, throwoing, fling: burl, projedt, inject, eject, ding, pelt, tofs,〔CATCHING, apprehend, lay bold, fnatch, lay bands on, grapple, graffe, fcamble.
Often returns into the fame place; according tolligreater or leß degrees.
SSWINGING,Vibration,maving, brandifl, agitate, exagitate, to and
3. \(\left\{\begin{array}{l}\text { fro.flourif, rock, fovay, dangling, pendulons, mield. } \\ \text { SHAKING, }\end{array}\right.\)

SHAKING, QuajJation, Concujfion, jogging, agitate, dandle, may, fwoag,froay, jolt, totter, flutter, Juatter, waving.
Some imprelfion from the Mover; according to the more
-General name : or that which is from an obtufe hard body.
(STRIKING, Percufion, fmite, bang, beat, baft, buffet, cuff, dafl, bit, Jminge, thump, thwoack, Blow, Stripe, Jap.flap, rap, tap, kzck, woince, Jpurn, bob,box, fillip, wobirret, yerke.pummel, punch, rebuff, repercuffion, collifion, gnafh,skittifh, interfere, let fiy at,
(KNOCKING, beating. Blown, butt, Mallet, battering,jobbing, Ramm.
Particular kind; by the end of a thing, more \|obtnfe, or acute.
5 SFOUNDING, braying, Contufion, ftamp.
5 \{PECKING, Mattock, Pick-ax.
Difjolution of Union in the fame body; according to
The Stiffeefs, or Limbernefs of the body wherein it is made.
6. BREAKING, Fracture, Rupture, brrft, Crach, Craßh, Squaß, Dafß, Flaw, Shatter, 乃iver, crumble.
TEAR.ING,torn, dilacerate, rend, rent, ragged, tatiered, flittered, jagged, pull in pieces.
The Figure of the body by which it is made; either \(\|\) an edge, or a point. (CUTIING, Incifion ga/h, תa/h, hack, bew, chop, rip, chip, fnip, fice, fection, Jegment, care dijfect, mobittle, barb, pare, top, lop, curtail,
7. dock, Barpe, keen, Hatcbet, Pole-ax.
(PRICKING, ftabbing,Goad,pungent,runn in,thruft in, goar.

\section*{OP ER A TIC.}

THe fundry kinds of works about which men of Several Callings use to

OPERATION, Labor-ious, Pains, Travail, Toil, moil, Turmoile, drudge, droil, work, bandy-woork, Ply, cooperate, take pains, lay about him. PLAT, sport, lufory, dally.
These are either
(More Common and general ; relating to
<SMECHANICAL FACULTIES. I. .
¿MIXED MECHANICAL Operations. II.
(More Particular; belonging to the providing of
Food, AGRICULTURE. III.
Houfes, or Utenfils, FABRILE Arts IV.
Clothing, SARTORIAN Trades. V.
(Phyfic, CHYMICAL, Pharmaceutical Operations. VI.
1. OPERATIONS belonging to the MECHANICAL Faculties, are ci- i. MECAA:
then foch as do refer to the
NICAI O.
[Lever; for the forcible motion of a thing \|upwards, or domonvards. PERATI.
1. SLIFTING, heave, boife, advance, elevate, exalt, Lever, Crown, Crane.
1. \{DEPRESSING, STrein, Ateß, neigh doris.

Balance; for \|trial of the weight of things, or the preponderating of one
2. SLIBRATING, balancing.
(file.
Wedge; for the dividing of hard tough bodies; to which may be oppoled the thrufting of them close together.
3. \{CLEAVING, rive, ノ it, ß lit, cleft, Chink, Chap, Crevife:
3. compressing, crib, gripe, pinching, pref, fqueezing, fraining, wring, nip, swing. throng, crowd, cruft, Constipation, bulge.
Fully; when the mover and moved continue their Contiguity in \(\|\) admotion, or motion.
- \{PULLING, pluck, tows, tug, lugg,twimg, twitch, draw, drag,Dranght, 4. \(\left\{\begin{array}{c}\text { bale, Rerulfion, vellication, diftrad. } \\ \text { IHRVVI }\end{array}\right.\)
(IHRVSTING, Duh, Jove, drive, ruhr, justle, repell, extrude, intrude, pref, throng, crowd, crumin, farce, wedge in, veinnue, ran at, foin at. Wheel; by \|lontinued turning about, or rolling backward or forward.
5. \(\left\{\begin{array}{l}\text { VER TIGINA TING, turning round, Revolution, wheeling, Rotation, }\end{array}\right.\) 5. \(\left\{\begin{array}{c}\text { twirl.mbirl, } \mathrm{BPinn}, \text { role round. } \\ \text { VOLUTATION, }\end{array}\right.\)

VOLUTATION, tumbling, rolling; tallow, welter, rock, trundle; raddle.
Screws; to which may be adjoyned for rome affinity the action of that concave Infrument used for the projection of water.
6. SSCREWING, Winch.
. 2SYRINGING, /quitting, Jpirt, pouting.
Spring; wherein there is a motion of reftitution: to which may be anriesed for its affinity the forcible putting a thing out of its natural tension and posture.
7. SSPRINGING, elaffiral, fillip.
7. \(\{\) BENDING, bors, abarp, crooks.
tI. MIXED
II. Thofe are ftyled MIXED MECHANICAL OPERATIONS, which are not appropriate to any one kind of Art, but are general and cemmon to many. Thefe do concern the.
[Vinting or Seperating of feveral bodies; confidered more simply.
\(\left\{\right.\) 1. \(\left\{\begin{array}{l}\text { BINDING, gird, Band, Bond, Bundle, Packet, Fardle, /Ba } \\ \text { tack, lace, fwaddle, fwa bing, tru fing, girt, furcingle. }\end{array}\right.\)
LOOSENING, unbind, wedoe, folve, Lax, Jack. relaxation.
Relatively to the affections of binding; viz. fastining of the bond \(\|\) by a knot, or confufed kinds of knots.
STYING,Knot,Node, bracing, buckling, coupling faftining, knit, furling.
โTANGLING, entangle, bamper, ravel, perplex, fnarled, felter, ins-
tricate, involved, Intrignes, extricate, complicate, infruare, Labyrizth.
Concealing, or manifefting; either more
Comsion.
COVERING, beal, Veil, foraud, hide, whelme, flop, Canopy, Hood,
Lid, palliate, ctuake, overlay, overrin, overfhadom.
UNCOVERING, open, expofe, difcover: flem, reveal, maked, wramsk, nnveil.
: Special; relating to Containing bodies.
SSHUTTING, ftop, clofe, inclofing, immure, exclude, feclude, reclufe,
4. \(\left\{\begin{array}{l}\text { obftrwct, wink, fold up, pinn vp, foupe up, feal up, corke up, lute up, }\end{array}\right.\) lockup, put to the door.
(OPENING, breaking up, difclofe, difplay, Expanfon, gap, slade, Aperture, unftop, expofe, lay or fet open.
Putting of thixgs \|| nearer together, or farther afunder; either [Hore gemeral.

GGATHERING, Collect-ion, afemble, convene, compile, levy, raife
5. \(\{\) men or money, Receiver, rake or fcrape together, rally, glean, pickup.
Cscat TERING, dijcuß, dijperfe, difipate, , prinkle, frem, infperfiom.
More particular; 'mith reference to the
icapacity of
Comffent bodies, and fuch as are not fuppofed to be contained.
(HEAPING, accumulate, amaß, lay up, fow, pile, Stack, Mow,
6. \(\left\{\begin{array}{c}\text { Cock, Rick, shock, Drift, Dunghill, mixen. } \\ \text { SPREADING, diffufe }\end{array}\right.\)

SPREADING, diffufe, Expanfion, dijplay, Suffifion, frew, rum,
plafh, lay cloth.
EFluid Bodies, and fuch as are fuppofed to be contained in fomething.
\(\{\) FILLING, replenif, Iepletion, full, plenary, fated, foum, crane,
7. \(\left\{\begin{array}{l}\text { fuff, farfe, recruit. }\end{array}\right.\) (EMPT TING, evachate, vacant, Vacuity, rid, void, exbauff, Chafm, clear, lanke, lave, dram dry.
Mrotion of bodies, chiefly fluids; according to \| the more general name : or that which is involuntary, and befides intention.
8. SPOURING, Effufion, Infufion, gu/h, gug gling, yewper, Tunnel. \{SPILLING, fledding, run out, jeeth over.

III OPERA-
III.OPER ATIONS belonging to AGRICULTURE, do concern either iili. AGRL

The Ground, or L.and; is refpect of
cultura
Loofning it; either \(\|\) by fingle perfons : or by the help of dratoing Beafts.
1. SDIGGING, delve, break kp, §it, §ade.
I. \{PLOWING, tilling, breaking up, coulter, ,bare.

Breaking the clods, and moothing the furface.
2. \(\left\{\begin{array}{l}H+R R O W I N G .\end{array}\right.\)
2. \{ROLLINO.

Helping or directing the Fertility of the ground, by \|adding fome neit matter, or removing the impediments of noxious plants.
3. SMANURING, cultivate, dumging, marling, foiling, Tilth, cult tire.! 3. ¿WEEDING.

The Grane or Sced, chiefly of Herbs; in refpect of
(Putting it into the ground, or taking it off from the groknd upon its 中aturity.
\(\left\{\begin{array}{l}\text { SOWWING, feminate. }\end{array}\right.\)
\(\left\{\begin{array}{l}\text { SUWING, feminate. } \\ \text { REAPING, mowoing, Crop, Harveft, sithe, sickle, fiubble, fwartil. } 1\end{array}\right.\)
Separativig of it frome \(\mid\) the fram, or lejfer bucks:
5. STHRESHING, Flail.
5. ¿WINNOWING, Fan, Ventilation.

The Propacation of Trees or Shrubs chiefly, by
Putting the Root of the Plant in the ground; to which may be adjoyned theputting of Grain fogregately ixto the grownd, which is fometimes u. fed for Pulfe.
6. SPLANTING, implant.
\{SETTING.
\{foyning a part of one Plant to another; either Hto the top of the bods, or fome branch being cut, or to the fides of tbe body:
7. SGRAFTING, ingraft, Imp.
7. INOCOLATING.

Cutting off fuperfluous Branches; to which may be adjoyned the cuitings donos of the wobole.
8. \(\left\{\begin{array}{l}\text { PRUNING, dre } \int \text { Ing, cutting, coping. } \\ \text { FELLING, grubb, mood-fall. }\end{array}\right.\)
IV. By ed thofe Operations which concern the making of Earthen ware, ftyled FIGULATORY, Potter. Thefe are diftinguifhable into fuch as denote [Difolution of Continuity; either by
[Seperating of fome thin parts from the furface of a body by rubbing with an edge: or breaking the body it.flf into minute parts by percuffion with lome obtufe body.
1. SHAVING, fcraping, raze, razour.

ZCONTUSION, bruifing, pounding, famping, braging, morter, pefle, Dividing from a body fome fmall parts \(;\) either || by affriltion npon a/tone, or with an iron inftrument.
2. \(\left\{\begin{array}{l}\text { GRINDING, attrition, Grif, }, \text { Querne, Mill. } \\ \text { FILING, Raße }\end{array}\right.\)

Dividing the parts of a body, by cutting it, either \(\|\) in roundifh cavities, or in oblong fififiures.
SBORING, perforate, foraminate, picrce, Bodkin;Drit,Awle,Gimlet, 3. \(\left\{\begin{array}{l}\text { Wimble, Trepann, Awgre. } \\ \text { SAWING, }\end{array}\right.\) SAWING, Saw, mbipfam, \&cc.
2 niting either of metalline or other bodies by fome third bodj adhering.
4. \(\{\) SODERING, Censent, luting.
\{GLUING, cementing, glutinows, conglutinate.
shaping of badies into particular figures; either by
[Hammering, or melting.
5. SFOR GING.
5. ¿CASTING, melt, founding, fuffle, molde.

Cutting, either H a Solid and bulky, or a flat figure.
6. SCARVING, Sculpture.
6. そGRAVING, ingrave, etching.

Comprefing of a foft body ; or circumagitating either a foft \(s\) or hiard body.
7. SKNEADING, moulding,plafic.

7• \{TURNING, Lath.
Adorning the furface of the body; either by \(\|\) variety of colours: or adding an external luftre to it.
8. \{PAINTING, limn, draw, enamel, fucus, penfil.
V. SARTORIAN OPERATIONS do concern either the
Preparation of fuffs; by \begin{tabular}{l} 
F: SARTO- \\
RiANOPE-
\end{tabular}
[Making feveral vegetable or nimal fubftances into Thred.
1. STWISTING, tortion, wn ath, writbing, twine, winding.
1. \(\{\) SPINNING, Spinfter, Rock, Diftaff.
- Fogring fuch Threds together into. Cloth.

〔WEAVING, Texture, Contexture, Loom, Web, braid, movem, Hur-
2. \(\left\{\begin{array}{l}\text { dle, shutthe, Wicker, Matt. }\end{array}\right.\) KNITTING.
Thickning and colouring fuch Cloth. SFULLING, milling, Faller:
3. \{DYING, ftain, Tincture, tinge, in grain.

Making of Stuffs into Vefts; either by
Uniting neceffary, and cutting off unneceffary parts.
\(\int\) SOWING, Stitch, . Seam-jter, Suture, Welt, Needle, dearn, quilt, draw cloth, rip.
(CLIPPING, scifors, figear, fıorz, cut.
(Placing together the parts in \(\|\) greater, or leffer plicatures.
5. \{FOLDING, worap, lap, pleit, cliwching, clutcbing, doubling, invelop;'
5. \{CLIRLING, crijping, frizling, furling.

Preferving of fuch Stuffs or Vefts clean; common likewife to other things.
By the help of Water or liquor; either soben
Things are put inte, and agitated in the water; to which may be oppoled the putting upow them other bodies of a moregrof confifience; Atyled
6. SWASHING, Couring, Lotion, rince, Laver, Lanndrefs, gargling,〔SMEARING, daubing, anoint, ointment, Vndion, greaze, chrifm; and many with [be] as beßpaul, fiti, \(\beta\) pue, , prinkle.
. Water is imbibed and communicated to the thing; to which may be adjoyned, for its affinity, the putting of things into liquor, in order to the commurticating of fome new quality tofuch liquor.
7. SOAKING, feeping, embrewing, macerating, watering Land, erc.
7. \(\left\{\begin{array}{c}\text { bathing, imbibe, finke, fop, brewis, embrem. }\end{array}\right.\)
©INFUSION watering Fifh, ofc. macerate, Decoction, impregrate. By external Motion of or upon them, \(\|\) more, or le \(\beta\) violent.
8. \(\left\{\begin{array}{l}\text { RUBBING, fcrape, Fridlion, Frication, fcrub, chafe, Attrition; } \\ \text { fret. gall, } \text { cowr, taw, grate. } \\ \text { WIPING, ftroke, terfe, bandkerchief,towel, napkin. }\end{array}\right.\)

IBy Inftruments to feperate thofe minuter bodies which adhere to the fuperficies.
9. \(\left\{\begin{array}{l}\text { BRUSHING, soeeping, Beefom, Whisk, Brußh, Broom, Mankin. } \\ \text { COMBING, carding, currying: }\end{array}\right.\)

\author{
Vi. By
}
vi. ChYMi- VI. By CHYMICAL OPERATIONS are meant fuch kind of works CAL OPE- as tend to the changing of bodies, with refpect to the Pofition and Figure rations, of their minuter parts. By this, amongft other ends, Medicaments are ufually prepared; for which reafon, te kind of Operations ftyled PHARMACEUTICAL, belonging to tre Apothecary, may be hercunto annexed.

The Operations belonging to this Head, do concern the changing and preparing of Bodies; either by
Inftruments, for the reduction of them into minute parts; || by compreffion and affriation betwixt two hard bedies: or by feparating the parts So reduced, through a porous Plain.
1. SGRINDING.
I. \(\{\) SIFTING, bolting, sieve, fiercing, ranging.

Liquors; either
Cbanging the Confiftence of bodies; by reducing them into \(\|\) a more liquid: or a more dry con:/jence.
2. \(\{\) DISSOLUTION, melt, liquefie difolve, tham, fufll, flux, tnn about.
2. \(\left\{\begin{array}{l}\text { cOAGULATIIN, congealing, clod, Curd, Gelly, clut-teted, Gore, }\end{array}\right.\) Concretion, grumous.
Dividing bard bodies into minute parts; \|by an acidliquor, through which fuck parts are difperfed : or the finking down of ficb parts to the bottom, by the mixture of fome other liquor.
3. SCORROSION, eating, fretting, gnawing, cauftic.
3. \{PRECIPITATION, fettling.

Separating of thefe parts from the liquor; by palfing them through a porous body; either \| domnward: or both upward and downward.
SSTRAINING; Fercolation, fqueeze, Colender.
4. \{FILTRATION, filtre.

Heat; applicable chiefly either to
Liquid bodics; which being kept for fome confiderable time in a gentle heat, upon this ufually follows; either the
(Loofning the inmaid parts of fuch bodies, fo es by agitation they
mork one upon another; ftyled
SDIGESTION.
¿FERMENTATION, woork, fret, Leven, Yeaft, Barm, Rennet. Separating of the finer parts, by raifing them up in the form of a Liquor: or the farther Jeparating of the more firituous from the reatery parts of this liquor.
6. \(\left\{\begin{array}{l}\text { DISTILLATION, Still, Limbeck, cohobatiow: } \\ \text { RECTiFITNG. }\end{array}\right.\)

Hard and folid bodies; either by
(Driving amay the mere woatery and volatil parts, and leaving the more Solid: or raifing the volatil parts in the form of a salt, SCHARRING, chark, Tinder.
\(\left\{\begin{array}{l}7 \cdot\{\text { SUBLIMING, sublimation. }\end{array}\right.\)
Burning amay the combuftible purts of a body: or turning the parts remaining after fuch burning into a liquor.
8. \{CALCINATION.
8. \(\left\{\begin{array}{l}\text { LIXIVIATION, cleliquiate, } L y e, ~ B u c k . ~\end{array}\right.\)
Chap. X. Oeconomical Relation. 249

\section*{C H A P. X.}

Concerning Relation more private, namely, I. Oeconomical or Family Relation, together with the feveral kinds of things relating to thofe in that capacity, either as, II. Poffeffions; or, III. Provifions.

THE species of Relation are the moft numerous amongt the Tables of Accidents, by reafon of their mixed natures, comprehending both Subftazces, Qualities and ACtions, as they are circumftantiated by fome peculiar refpects, according to which they are here confidered.

More private Relation may be diftinguifhed into fuch as denote; either SThofe Perfonal refpects or Actions, which belong to the firt kind of Affociation of Men into Families; called OECONOMICAL RELATION. (Thofe things which are neceflary to the well being of Families, either as

\section*{OECONOMICAL RELATION.}

THat relpect wherein one man may ftand to another, according to the \(\%\). I. firft and moft natural kind of affociation of men into Families, is Atyled OECONOMICAL RELATION, Family, Houshold, domeffic, menial, Honfe, Home.

The Notions belonging to this Head, may be diftinguifhed into fuch as fig: Perfonal Relations, of SCONSANGUINITY. I. SSUPERIORITY, or Inferiority III \(\{\) ZAFFINITY. II. \{SUPERIORITY, or Inferiority. III.

Oeconomical Duties referring to Education; confilting either in SWORDS. V. ZDEEDS. VI:

DESCENDANT, Lineage, Off JPring, Race, Iffue, Progeny, Generation, Po; flerity, Stock, Breed, Kind, Extradtion, steri, fpring fromi.
Ispecial; whether
(Dired ; \|afcending, or Defcending.

Latéral'; either\|
Afcending, or defcending.
\(\left\{\begin{array}{l}\text { 3. }\left\{\begin{array}{l}\text { UNCLE, Aunt. } \\ \text { NEPHEW, Niect. }\end{array}\right.\end{array}\right.\)
Equal:
Smmediate; whether \(\|\) by both Parents, or bj one

Mediate; either || Brothers Children, or theit Defcendanits.
5. \(\left\{\begin{array}{l}\text { FIRST } \\ \text { COSIN. }\end{array}\right.\)

K k
II. Thớf
 TY. Marriage, whereby prions are mutually ingaged to Fidelity and Confancy, are flyled Relations of AFFINTY, Alliance, Kindred.

There are diftinguifhable into fuch as do concern either
That fate preceding whereby perfons are rendered capable of it as to their \|not being married : or not having coupled with any other perfon.
i. SCOELEBS, Single life, Bachelour, Damofel, Maid.

ZVFRGEN, Maid.
The endeavour after Marriage; wherein, if Several perfons fard in competition, there doth thence arife this double Relation.
2. SSUTER, Paramor, Sweit-beart, Miftre \(\beta_{\text {S, Servant, too, canvafe court, }}\) 2. RRIVȦL, Corrival, Competitor* (make love: The first beginning of this Affiance, by a mutual Promife in order to the confummating of \(i t\).
3. BETROTHED, contracted, spouse, eßpoufe, Affiance, fire. The full completing of it by all its Solemnities.
4. MARRIED, Matrimony, Wed ding, Match, Mate, nuptial, conjugal, Husband, Wife, Toke-fellon, Spouse, Eride-groom, Brains, Dower, Bygamy, Polygamy, Hymen, Epithalamium.
The fate refiling from a diffolation of it by Death.
5. WIDOWER, Dowager, Relict, Jointer.

It. SUPERI- III. Relations of SUPERIORITY, Betters, and INFERIORITY,
ORITY. Underlings, do originally belong to Families, in which was the firth kind of Government, and from thence are derived all the fecondary Refarion which follow ; respecting either
[Minors; as to their
Souls and Religion.
SGODFATHER, Godmother, Golfip, stand for.
Z GODCHILD.
Bodies; in reflect of \(\|\) nourifhing : or being nouriffed.
2. \(\{\) FOSTER ER, Nurse, educate.

Minds; \|inftructing: or being infracted in any Science or Art.
< TEACHER, Mahler, Tutor, inflitate, infitrudt, inform, indoctrinate, Doctrine, Document, docil, LeCture, Lefön,train, dijcipline,enter, read to, Rabbis
LEARNER, Apprentice, Disciple, Pupil, Scholar, Puny, Neophyte, young beginner, student.
Eftates. SGUARDIAN, Tutor, Tuition.
4. § pUPIL, Minority, Ward- hip, under. age, non-age.

Majors or Minors; in repeat of
Habitation; as Supreme: or Subordinate; whether in a relation
(More fixed.
5. \(\left\{\begin{array}{l}\text { NASTER OF THE FAMILY, Houf } \\ \text { bouffe. } \\ \text { DOMESTIC, of the bousfold, menial. }\end{array}\right.\) More occafional.
6. \(\left\{\begin{array}{l}\text { HOST, Landlord, Lord, tabling, Sojourn, entertain, Inn, Hoff- } \\ \text { tality, Inholder. } \\ \text { GUEST, Boorder, Sojourner, quarter, lodge, lie, tabling, at livery. } \\ \text { Power }\end{array}\right.\)

Power to cimimand: or Duty to obey.
7. SMASTER, Lord, sir, Mijfreß, Damee, Madam, Lady:
7. SERVANT, Servitor, Minister, Man, Maid, Handmaid, fervile, àdminifter, Hind, Fourneyman, Prentice, Waiter, Lacquey, Footman; Page, Livery.
Ben'fits ||comferred: or received.
\& BENEFACTOR, Conrtefie, Kindneß, Favour, Service, Good turix,
8. \(\left\{\begin{array}{l}\text { Pleafure, gratifie, oblige, ingage, good office, Patron. }\end{array}\right.\)
( BENEFICIART, beholding, bound, obliged, ingaged humble Servant.
General obligation of \(\|\) protecting others:or being under fuch Proteclioio.
SPATRON-age, «upport, dedicate.
\(9\left\{\begin{array}{l}\text { DEPENDANT, Retainer, Cadet, Client, Follower, Retinue, merit. }\end{array}\right.\)
IV. Relations of EQUALITY or Fellowhip (as was faid concerning iv. EQuajid: thofe of the former Difference.) do originally belong to perfons in an TY. Oeconomical capacity; though they are not in the ftricteft fenfe to be fo confined; but they are likewife applicable to perfons upon other confiderations.

Thefe are founded; either upon
Mutual Love: or Hatred, which thould be chiefly upon the actount of Vertue : or Vice.
SFRIEND - hip, Coinfident, Privado, intimate, all one, being in mith, Amity, amicable, befrieind, great moith, jtrike in with. kind. attone.
(ENEMIT, Adverfary, Foe, Antagonift, Oppofite, Opponent,Feud, Hoftzlity, Osdds, spite, Enmity, being out mith, fall owi woith, adverfe party.
Converfation with others, chietly upon the account of Plealure; or \(\mathrm{Se}-\). gregation from others.
(COMPANION, Compeer, Alfociate, Fellow Match, Mate, Confort, So-
i. \(\left\{\begin{array}{c}\text { ciety, Sociable-ne } \beta \text {, Comrade, Collegue, Complice, Concomitant; Goffip, }\end{array}\right.\) afjociate, accompany, Crew, Gang, keep company with.
SOLIT ART, lonefom, a'one, onely, reclufe, jole, fingle, solitude, by it feff; retired, 'defolate, , eiveral, afide.
Near : or remote Habitation.
SNEIGHBOUR, adjacent, vicinity.
3. \{FOREINER, Alien, exotic, extraneous, peregrive, outlandijh.

Particular Knowpledge : or Ignorance of others.
SACQUAINTANCE, Familiar-ity,converfant.
\{sTRANGER; frange, alieriate, unacquainted,wncouth, alien.
Dealings with others.
(Joint'y; as one party.
5. PARTNER, Copartner, Partizan, Sharer, impart, jogn, comimu:nicate, Communion, balves, joynt:Jtock, partake.
Autuaily ; as party and party. 6. CUSTOMER.
- . EDUCATION fpecially relating to WORDS.
V. The chief Oeconomical Duties (which are likewife applic.ble to other Relations) are thofe which concern the due Government of perfor sin this capacity, chiefly of the inferiour and younger fort, fyled by the general name of EDUCATION, inftitute, train, breed, bring up. Seminary.

Education Duties confifting in WORDS do refpect either
A thing to be done, or forborn; expreffing to others our Defires, or their Duties.
isimply; to perfons
Inferior; || for it : or againft it.
f. \(\left\{\begin{array}{l}\text { préciribe, Mandate, Precept, Injundion, Commandment, Impe- }\end{array}\right.\) rative, Warrant, will.
FORBID. Probibit ion, interdict, inbibit, barr, contraband, courstermand.
Equal; \| for it : or againft it.
SPERSUADE, exbort, fuafory, move, preß, min, cajole, Motive,
2. \(\left\{\begin{array}{l}\text { Inducement, dnclile, exorable, pliable, flexible, draw in, Elo. }\end{array}\right.\)

DISSUADE, debort.
superior; \|for it : or againft it.
(INTREAT, befeech, pray, defire, crave, ask, petition, fupplicate, . Poftulation, invite, implore, obteftation, obfecration, requef,
3. Sue, Jupplicate, folicit, prefs, urge, inftant, Importunity, conjure, exorable, inexorable.
DEPRECATE.
[Argumentatively; (i.) with reafons reprefenting it chiefly as
Honef: or difhonef.
4. SADVISE, counfel, confult, wifh one.
4. \(\left\{\begin{array}{l}\text { WARN, admomif, Monition, advertife, Caution, Item, Precaution, }\end{array}\right.\) premonih, notifie, Provijo, Caveat, foremarn.
<Pleafant: or unpleafant.
SALLURE, tempt, tice, entice, \(t i l l\), drill, inveigle, move, draw, lull,
5. \(\left\{\begin{array}{l}\text { lure, lead, tole, train, egg on, woin, trepan, bait, ftale. }\end{array}\right.\)

DETERR, dilhearten, fright.
Profitable: or burtful.
6. \(\left\{\begin{array}{l}\text { PROMISE. } \\ \text { THREAT }\end{array}\right.\)

A thing already done; exprefling our \(\|\) liking : or diflike of it; whether \{To themfelves, in their prefence.
7. \(\{\) COMMEND, appland, extoll, magnifie, hem, recommend.
- \{REPREHEND, reprove, rebuke, cbide; blame, cbick, fwib, quip, rate, rattle, controll, take up, fent, find fault, 乃orive, Redargution, culpable, satyr, fcold.
To others, in their abfence.
8. \(\left\{\begin{array}{l}\text { PRAISE, Fame, Glory, Renown, Encomium, extol, exalt, laudable, } \\ \text { playfib'e, appland, commend, Dexology, Paneg.yric. } \\ \text { DISPRAISE, difcommend. }\end{array}\right.\)
VI. Occono-

1 Vb Oeconomical Duties of EDUCATION confifting chicfly in VI, EDUCA.. DEEDS, may be diftinguifhed into fuch as are either TION.
Precedent ; fignifying the || afffling : or bindring another in the DEEDS. [Way of doing
1. SDIRECT, feer, guide, lead, govern.

SSEDVCE, tempt, err-or,aftray, millead, deceive, delude, pervert, beguile, debauch, inveig'e, Miftake, Overfight, Fallacy, Sophiftry,drarp in, lead afide, Fools Paradije.
Will of doing.
SINCOURAGE, animate, hearten, comfort, folace,abett,back, cheer;
2. \(\left\{\begin{array}{c}\text { - cherif, countenance, fet on, fand by, patronixe, quicken, excite. } \\ \text { DISCOVRAGE, diflearten }\end{array}\right.\) DISCOVRAGE, difsearten, difanimate, wpeaken, difcomfort, baulk;
daunt, droop, quail, ,ut of beart,
Consonitant,
pef: ort apporting againgt Evil.
Praft: or prefent.
\[
\left\{\begin{array}{l}
\text { 3. } \begin{array}{l}
\text { COMFORT, confolation, folace. } \\
\text { DISCOMFORT, difconfolate, uncomfortable } \\
\text { Prefent, or future; whether of }
\end{array}
\end{array}\right.
\]
iWant ; either \(\|\) in wohole: or in part.
\(\left\{\begin{array}{l}\text { MAINTAIN, fuftain, fupport, find; keèp, provide for, subfferice, }\end{array}\right.\)
4. \(\left\{\begin{array}{r}\text { Livelibood: } \\ \text { STIPENDAT }\end{array}\right.\)

ใSTIPENDATE, Allowance, Exbibition, Penfioi, Annuity,scbolarfhip.
Danger.
SDEFENDING, Fanding to or by one; guard, mard, preferve,
5. \(\left\{\begin{array}{l}\text { Shelter, protedt, fave, fence, keep, tutelary. } \\ \text { DESERTING, }\end{array}\right.\)

Confequent ; relating to the , defitute, forfake, quit, fiinch, relinquifo.
(Perfons; || endeavouring to better them by punifoments mbile there is
bope \(\therefore\) or ceafing to punifh them as being paft bope.
6. \(\left\{\begin{array}{l}\text { CORRECTING, cbaftijing, difipline, inflici. } \\ \text { GIVING OVER; }\end{array}\right.\)

Event of fuch dealings; by making them || better: or woorfe.
SREFORM, reclaiming, mend, convert, correct.
7. \{HARDEN, incorrigible, indurate,obdurate, feared.

\section*{OECONOMICAL POSSESSIONS.•}
p. 11. RY OECONOMICAL POSSESSIONS, Efate,Goods:Subfance,Stock; B Ability, Cbattels, bold, injoy, Seized of, occupy, indow, in band, enter upon, are intended fuch kinds of things as are necelliary upon feveral accounts for the ufe, prefervation, and well-being of a Famiiy. And though divers of thefe things, as L.and, Buildings, \&c. be common as well to Political and Ecclefiaftical Bodies,yet do they (as was faid before)originally belong to Families, to which all other Aflociations were fublequent, and in which they were founded. To this may be adjoyned that other Notion fignifying the benefit accruing to us by our Pofiefions, fyled REVENUE, Income, Intrado, Patrimony, Kent, Profit, Endowment,Steward,Fee, Vails,Perqui-
Thefe Poffeflions do refer either to things (fites,the proceed. SNatural, as LAND. 1.
§Artificial; whether
Bnildings, confidered according to their SKINDS. II. ¿Parts.
§GREATER. IIf.
そLESSER. IV.
IThings ferviccable for SCARRIAGE. \(v\). そfurniture, vtenfls. Vt.
1. Ponfesions. 1. That part of the Earth mbercin any man hath a propriety, is fyyled of LANDS. LAND, Earth. And if be commonly refides upon it, 'tis called his DWELLING, Habitation, MAnnfon, Home, inbabit, refide, Inmate, Defert: Wildernof, Solitude, abide, fettle, Jay.
The feveral Notions belonging to this,may be diftinguifhed into fuch as fignifie
(Both Land and Habitation, \(\| \mid\) sufficient for one Family: or a Small aggregate of jucb.
1. \(\left\{\begin{array}{l}\text { FARM, Grange, Mefuage, Tenement, Tenant, Copybold. }\end{array}\right.\)
¿MANOR, Lordfhip, Village, Thorp, Homage, Tithing, Liberty.
Land alone; according to the.
(General name: or the name denoting a larger extent of it.
2. SFIELD, Grounds, Croft.
2. YFORREST, Cbaffe, Verderer, Purliem.

Particular kinds; diftinguifhable according to their vjes; either for \(\|\)
Herbs: or Fruit-Trees.
3. \(\{\) GARDEN.
3. ZORCHARD, Nurfery.

Corn: cr Hay.
4. SAR ABLE, tilled Land, ear Land, Fallow, Lay Land. + §MELOW, Mead.
Tame Beafts: or wild Beafts.
5. SPASIURE, Domn, Lawn, Herbage, Hayward, Leafe, Panage. 5. \{PARK, Warren, Paddock, Keeper.

Fifb: or Fonol.
6 SFOND, stem.
\{UECOY. Femel:

Chap．X．Poffeffions．
｜TFewel；｜｜greater：or le \(\beta\) ．
7．SWOODS，sylvan，Thicket，Cops，Grave．
－¿HEATH．
Qualities；being either of
（Equal wetnef；＇Ilfrow frefh：or from Salt Water．
\(\left\{\right.\) 8．\(\left\{\begin{array}{l}\text { FEN：} \\ \text { MARSH．}\end{array}\right.\)
Unequal wetmeß；whereof the excefs is either \(\|\) on the furface： or wnder the firface，within the Land．
9．\(\left\{\begin{array}{l}\text { MOOR，plafhy，，labb．} \\ \text { BOGG，2uagmire，stough，Faftne } \beta .\end{array}\right.\)
II．Thofe kinds of Heps or Contrivances whereby men preferve the Pla－n．вuild： ces of their abode from the Injuries of Weather，and other Inconvenien－INGs． cies，are ftyled by the common name of BUILDINGS，Edifice，Struiture， Fabric，erect，Arcbitetture，superftrutlare，sufftrwdtion．

To＇which may be oppofed the Notion of buildings decayed，called RUINS，dilapidate，demolijh，raze，Difolution，Wrack，Rubble，Rubbijk， fall，break，fubvert，throw down，Lay wasf．

Thefe may be diftinguifhed，according to their Ufes，into fuch as are for Ordinarg habitation；whether\｜immoveable：or moveable．
1．\(\left\{\begin{array}{c}\text { HOUSE，Manfion，Mefwage，Cote，Cottage，Hut，shed，Hovel，Ladge；} \\ \text { Plare，domefic，Ining．}\end{array}\right.\)
（TENT，Tabernacle，Pavilion，Booth，Bowire．
Grandeur：or Strength．
2．SPALACE，seraglio．
2．¿CASTLE，Cittadel．
Height and beauty；either with\｜a flat ：or 乃harpiop．
3．STOWER，Turret．
3． SSTEEPLE，Pi世nacle，shaft，spire：
Religious aporfhip；for Invocation or Preaching：or for Sacrifice．
STEMPLE，Cburch，cbappel，Sanctuary，Synagogue，Mofque，Catbe－
4．\(\{\) dral，Chancel， 2 nire．
ALTAR．
Warmth，cleanisneß or Health；whether by \｜marm Air：or Water．
5．SSTOVE，Hot．houfe．
5．ZBATH，Stem，Bain，drencht．
Paljage；either
Above ground；\｜over the Water：or over dry Laind．
6．\(\left\{\begin{array}{l}\text { BRIDGE，Pontage．} \\ \text { SCAFFOLD，Stage．}\end{array}\right.\)
Upon the ground；denoting｜｜apaved pafage betwixt Buildings：to which may be annexed the more general term of the paflage place．
SSTREET，Piazza，Lane，Ally．
7．\｛WAY，Rode，Canfway，Courfe，Avenke，convey，egref，Ally，Path，Paß． age．
Vivider grownd．
for Perfons．
8．VAULT，Grott．
For Water；\(H u\) feful：or fuperfluow．
9．\(\left\{\begin{array}{l}\text { SAQU压DUCT，Conduit，Water－courfe．}\end{array}\right.\)
III．To＇
iii. Grater III. To the GREATER PARTS OF which BUILDINGS do conparts of
BuILD. fift, and into which they may be diftributed, may be adjoyned that ufuINGS: al kind of divifion fyled BAY:

Thefe are either
More general; concerning the
Main defign of the Timber-work: or the dividing part.
i. SFRAME, Compages, skeleton.
- \{PARTITION, Wall.

Principalplaces 3 whether \(\|\) fegregate : or aggregate.
ROOM, Chamber, Cabbin, cell, Hall, Parlour, \&c. Kentiel, sty;
2. \(\left\{\begin{array}{l}\text { Stable, \&c. Lobby, Laft, \&c. }\end{array}\right.\)

APARTMENT.
|Vacancies or Paflages; || mithout : or witbin.
3. \(\left\{\begin{array}{l}\text { COURT, Tard, Back-fide. } \\ \text { ENTRY, Paflage, enter. }\end{array}\right.\)

More particular; diftinguifhed according to their Ufes and Situations; support.
\(\left\{\begin{array}{l}\text { Intern. } \\ \text { Lower }\end{array}\right.\)
Lower ; whether \|erect: or tranfuerfe.
FFOUNDATION, Graund-wook, Subftruction, Bafe, Botiom; fundamental, underpinning, ground-pinwing.
- \(\begin{aligned} & \text { FLOOR, Ground, Deck, Contignation. }\end{aligned}\)

Higher; || erect: or tranfverfe.
Soblong and narrom.
5. SPILLAR, Column, Poff, Jambe, rile, pillcfer.
5. ¿BEAM, sparr, Rafter, Mantle, Tranfom, Summer.

Flat: or Curve.
6. \(\left\{\begin{array}{l}\text { WALL, Sepiment, immure, countermure, mural } \\ \text { ARCH, Vault, embonod. }\end{array}\right.\)

Extern; \|put to: or built to the part wobich it (upports. \(\{\) PROP, till, fupport, uphold, flay up, Jhore up, fooulder up, under-
7. \(\left\{\begin{array}{l}\text { prop, wrider fet. }\end{array}\right.\)

BUTTRESS.
rovering; whether \| bigheft: or fulordinate.
8. \(\left\{\begin{array}{l}\text { ROOF, Covering, Tilt, Penthoufe, Leads, Thatch, Tiling, slate', }\end{array}\right.\)

Warmth : either \| simple : or mith a Tube to it for pajJage of the Smeke.
9. SHEARTH.
9. ¿CHIMNEY, Tunnel, Mantle.

1v. Leffer parts of Bứld. INGS.
IV. LESSER PARTS OF BUILDINGS are diftinguifhable into fuch as are ferviceable; either for
fTaffige uppoards and downwards; being either \|immoveable.or moveable.
\(\therefore\) SSCAIRS.
Paffage in and out; either of \(\|\) Perfons: or fra/b Air;confidered according
SWole.
(tothe
2. \(\left\{\begin{array}{l}\text { DOOR, Gate, Port-er, Wicket, Poftern, Hatch, Porch, Portal. }\end{array}\right.\)
2. \(\{\) WINDOW, Cafement, Balcony.

Parts relating to a Loor chiefly, or Window.
[Vithout it; \(\|\) above : or below.
2. STHRESHOLD, sill, Gronndfill.
3. \{INTEL.

2pons

LUpon it; for the
\{opening and foutting of it.
SMore artificial; \|the fixed: or loofepart.
\{4. \}LOCK, Padlock.
More fimple; to open \(\|\) from within onely : or both wayes's:
5. \(\left\{\begin{array}{l}\text { BOLT, Barrs sparr. } \\ \text { LATCH. }\end{array}\right.\)

AMotion of it; \(\|\) concave : or convex.
6. SHINGE. STAPLE; Hook.
V. By CARRIAGE is meant the Convcyance of things from one place \(\dot{\nabla}\). Things foi to another : to which may be annexed by way of affinity the Notion of CARRIAGEi the Heavy thing to be carried, BURTHEN, (Load, lade; onerate, Fare, Fraight, charge, Arrcharge, Luggage, Lumber, disburthen, exonerate, overcharge,
The provifions of this kind do rolate to things confidered as (overload.)
Whole; being ufed for the Carriage either of Perfons or Goods; and
moving either
fWith Wheels;
Sour Wheels; either || the more elegant: or the moreplain.
1. \(\left\{\begin{array}{l}\text { COACH, Chariot. } \\ \text { WAIN, Waggon. }\end{array}\right.\)

ITwo Wheels ; either |the more elegant : or the more plain.
2. SCHARIOT.
. ¿CART; Carr, Dray,Tumbrel.
Without Wheels; being either to be
Carried betwnen the Movers;either \|the more elegant:or the morè platio. SSEDAN, Litter.
\{BARROW:
(Drapon along after them.
SSLED.
4. \{WELSH CART.

Parts of the thing upon which the weight is drawn or carried; ferving either for
(Faftning to the Animals wobich draw or carry \(;\) ufed either || double: or
\(\left\{\begin{array}{l}\text { 5. }\left\{\begin{array}{l}\text { SHAFT, Thills. } \\ \text { POLE. }\end{array}\right.\end{array}\right.\)
Motion; being for figire and fituation II
(Round and eredf: or oblong and tranfverfe.
6. \{WHEEL, Truckle, Trundle.
. AXIS, spindle.
The central: or femidiametral parts of the Wheel:
7. \(\left\{\begin{array}{l}\text { SNAVE. }\end{array}\right.\)
\{SPOKE, Fellow.
Furniture of the Animals which draw or carry; either for
5 Supporting of \(|\mid\) the Trunc: or the Feet of the burthen.
8. SSÅDDLE, Pack-Saddle, Pad, Pankel, Pillioñ.

Direlting the Motion; by the \(\|\) Head ; or Sides,
9. \(\left\{\begin{array}{l}\text { BRIDLE, Rein, Headfall, Curb, Snaffle, Bit. } \\ \text { LRACE. } 1 \text {. जI. By }\end{array}\right.\)
vi. Fukni. VI. By FURNITURE (Vteifils, Implements, Henfold-finf, Moveables, TuRe. Goods, furnifh, fit provide, procure, ready, is meant thofe meveable things of various kinds requifite to the feveral ufes of a Family. Theie are either More fimpic, intended chiefly for Action, according to
SThe general namese.
1. INSTRUMENT, Implement, Tool.

Some ßpecial kinds of Inftruments; llfor citting : or for knocking.
SKNIFE, Razor.
2. \(\{\) HAMMER, sledge, Mallet, malleable, ductile, Beetle, Poleax. Le \(\beta\) fimple, being made up of feveral parts joyned together;according to The genera! name: or that kind ufed for the dr awing op of woater.
\(\left\{\right.\) 3. \(\left\{\begin{array}{l}\text { JUGAMENT, Frame. } \\ \text { PUMP. }\end{array}\right.\)
(Some. ßecial kinds; being ufed for
Patting things upon; being either \(\|\) moveable: or fixed.
4. \(\left\{\begin{array}{l}\text { TAPLE, stall, Drefler, Bord, Cupberd. }\end{array}\right.\)
4. \(\{\) SHELF.

Sitting upon onely; to which may be annexed by way of affinity, that other Utenfil intended for the eafe and foftrefs of fitting or lying.
s. \(\left\{\begin{array}{l}\text { STOOL, Seat, Fourm, Bench. } \\ \text { CUAHIO }\end{array}\right.\)
5. \(\left\{\begin{array}{l}\text { CUSHION, Pillow, Boulfer, Pillion. }\end{array}\right.\)
sitting and leaning : or fitting and lying upon.
6. \(\{\) CHAIR, Throne, Settle. COUCH.
Lying and תleeping upon; to which that may be annexed of the Game aftunity as in the Fifth.
7. \(\left\{\begin{array}{l}\text { BEDSTED, Settle, Cradle, Tefor. }\end{array}\right.\)
7. BED, Pallet, Hammock, Matirefs, Nef, Kennel, Litser, Upholfer.

Miore complicate, by reafon of the mixture with Wheels or Screws, \&c. according to
(The general name: or that particular kind ufed for the taking of Animals. 8. SMACHIN, Engine, Frame, Gin.
8. \(\left\{\begin{array}{l}\text { MAAP, Gin, Springe, Pitfal, Toyle, Weare, Wreele, Buck, Net, In- }\end{array}\right.\) \(\left\{\begin{array}{r}\text { Srare }\end{array}\right.\)
(Some .ßecial kinds; for \|grinding of Corn, \&xc. or diffinguifhing of Hours.
9. \(\left\{\begin{array}{l}\text { MILL; Querne. } \\ \text { CLOCK, Watch. }\end{array}\right.\)

\section*{PROVISIONS.}
8. III. T Nder this Head of PROVISIONS (Accommodations, tiquipage, furinifh, provide, procure, purvey,) are comprehended fome of the fame kinds of things as under the former, with this peculiar Difference, That feveral of the particulars under this are more occafional and tranfient,
and
Chap. X. Prövifíons. ' 259
and not of fuch continual ufefulnefs as thofe under the other. Thefe are diftinguifhable into fuch es
Have particular references, either to
FFood, as to
The kinds of it.
SORDINARY. I.
ZEXTRAORDINARY: II.
St The manner of PREPARING it. III. CLOTHING. IV.
VESSELS. V .
Are of a COMMON MIXED Nature, VI.
I. By SUSTENTATION ORDINARY (Commons,Fare,Cher,Diet, i susien:Meat, Viands, fufenance, Viduuals, Manciple, Caterer, Pantry,) is intended TAMON fuch kind of Food as is ufual for ordinaryperfons, and ordinary times; ORDINART; either according to the
(General name; whether \|greater,more fated, comfant and ufual: or lie \(\beta_{2}\) and more occafional.
. §MEAL, Dinner, Supper; Refectory.
1. \(\{\) REFECTION, Bait, Bever, Break-faft, Collation, Repaf, Nunchion

Particular kinds; diftinguifhable according to the matter; whether
[Solid and conffitent; being made either of
[Grain or fome Vegetable, \|baked ise a drier fubftance mithont any confo derable mixture, of all other the moft common and neceflary: or clife being wade up and mixed with fome other eatable fubfance.
\{BREAD, Loaf, Manchet, Cake,Dough, Bisket, Paft, Batch, Pantry; Pantler.
(PUDDING, Haggis, Sanfage, Drmpling, Link.
Milk \(\|\) condenfed in the finer part: or of Milk coagulated and prefled.
SBUTTER.
3. \{BUTEER.

Animal mufulary fubftance; either \|alone: or pui into fome bready fubtance, which is likewife capable of fome other ingredients. SFLESH.
4. ¿PIE, Pafty, Tart, Cuffard, Flawn, Paff, Paftry, Paftler.

Liquid; either for
Eating ; conlifting of
[Water boiled woith fome other ingredients, || for the firengthening of it for Food: or for the coagulating of it.
SBROTH, Pottage, Porridge, Caudle, Cullice, Grout, Grnel, Parra-
ऽ \(5 .\left\{\begin{array}{c}\text { do, Pojjet, Ptijane, Frumenty, Hogmafh, Potherbe. }\end{array}\right.\)
GELLY, congeal.
Fatty juice of feveral Vegetables, and fometimes of Animals, eaten with other things, and ufeful for Medicine; to which may be adjoyned the abatery juice of drefed Fiefh.
6. \(\left\{\begin{array}{l}\text { GIL. }\end{array}\right.\)

ZGRAVY, Juice.
Drinking; the infufion of Barly or fome other Grain firft macerated; cither \| woithout Hopps: or woith Hopps.
7. \(\left\{\begin{array}{l}\text { ALE, Whort, Brew. }\end{array}\right.\)
7. \{ ALE, Whort, Brewp.

> LI2 II. SUSTEN-

Ir. sustein- II. SUSTENTATION EXTRAORDINARY (Cätes,Delicates, DainTATION ties, Liccorows,) may be confidered according to the
EXIRANA. (General name; lignifying abundance, variety and delicacy; either of \(\mid 1\) more 1. SFEAST, Gaudy. (fubftaintial Meats:or of Sweet-meats.
¿BANQUET, Funcket, Sweet.meat, Defert.
Particular kinds; ufed for
EEating; comprehending
(Common requifites, for the better reliffing of other Food; to which may be adjoyned the various mixtures of things, to render themgratefill SSAUCE, sallet.
2. ¿CONFECTION, Conferve, Comini; sucket.
(Ufual ingredients of Sance; being either for the Taft Swoet ; viz. the juice of the fweet Cane, \(\|\) concreted: or deliquiated or 3. SSUGAR. (dijfolved into a liquor of a thick confifeence. Of bot and favory Guft and swell. 4. SPICE, Aromatic, Grocery.

Sour ; \|the juice of Grapes, or inffufion of Barly being eager: or the 5. \(\left\{\begin{array}{l}\text { SVINEGAR. } \\ \text { VERJUICE. }\end{array}\right.\)
( juice of Crabs.
Drinking; whether more
(Natural; being either |lmore fmiple: or the juice of Fruits, chiefly Grapes: or atber drinks made by mixture.
6. SWiNE,,Sider, Perry, Stum, Muyf, Vimtage, Vintmer,,Sach,,Cliret,\&Cc. 6. \{BEVERAGE, syllabub, Mede, Waflal.

Artificial, by diffillation with fire jaccording to || the more general name:
, 7. SBRANDY. (or that particwlar kind moff in wfe.
ini. PRefía. III. Actions relating to the PREPARATION OF FOOD (drefing; RATIONOF (rude, ram,) are either
roob. General and antecedaneow; fignifying either \(\|\) the killing and dividing of Beafts for Food: " or the more common notion of fitting both Elefb and other proper. Materials, in order to their being eaten.
\{BUTCHERING, shambles, slaughterhoufe.
. \(\{\) COOKING, dre/fing, Kitchin, scullion, dreß Meat.
special and fubfequent; denoting the feveral kinds of Cookery \(;\) either
More principal;' the preparing and drefjung things.
Wet; ; in all wider, or clofer veffil, in a greater, or leffer quantity.
2. \(\{\) BOILING, Decocfion, Seething, fod, Ebulition, parboil, poach. そsTEWING.
Dry; |l bygholding it to, or tarning it about near the Fire : or by laying it on a hot Harth, or in forme clofe beated Cavity.
3. \{ROASTING, Tefing, spit, Broach, Jack.
3. ¿BAKING, Baker, Oven, Pafry, Batch.
[Mixed, part being wet and part dry; either \|in an open broad veffel:
4. SFRYING Fricace, Fritter, Steak; (or by laying it oz the Firc. EBROILING, Carbonadoing, Grilliade, Gridiron, Kafher.
Leß principal; relating to the
Preparing of it; by
Cutting,
Inta; pundim or cefim', pointwife or edgenife.
SPINKING, Founcing; Pricking.
!• ZSLASHING, gafling,hafbing, carbonaio, jagg. Through;
\(\square\)
Chap. X.
Through; either in \|laminated : or more minute particles.
6. SSLICING, Collop, Halo.
¿MINCING, Bred, chop, cut Small.
Application of other things; either \(\|\) wet : or dry.
7. SBASTING, Dripping, wrinkle, InJperfion.
7. \{FLO WR ING, powdering, corning, icing.

Mixed, (i.) both cutting and application.
8. §STRATIFY, Lair, interlacing, interlard, lay in. ¿LARD, prick in, Stick in, interlarding.
Preserving; either || in wot : or in dry.
9. \(\left\{\begin{array}{l}\text { PICKLING, foucing. } \\ \text { CONDITING, preferving, embalming, candying, feafoning, }\end{array}\right.\) IV. CLOTH.
IV. Such things as are requifite for the covering of our nakedne \(\beta\), and the ING. preferving of us from the injuries of weather, are ftyled by the name of CLOTHING, Vet, Apparel, attire, Array, Garment, Raiment, Habit, Garb; Stole, Robe, 'Weed, accoutred, clad, dight, dref/ing, make ready, bear, inveft, Lidery, pint an or off, naked, Jtipt, bare, Taylunr; Wardrope.

To which may be adjoyned, for its affinity, the ufual name of thole other things of the like ute amongst men upon particular occafions, and more generally required for labouring beats; ARMAMENT, Harne§, Tackle, Array, Habiliment, Trappings, accoutred, Furniture, Traces.

The feveral particulars under this Head may refer ; either to
T The matter of which Vets are made; which is either
[some Animal jubilance; either of
Beafts.
The hairy part's.
1. SWOLLEN, cloth.
¿HAIRY, stuff, sackcloth.
The Skins of Beafts prepared.
2. LEATHER, Buff, cheverel, \& \& Can, Curry.

Infects, viz. the Silk-worm.
3. SILK, Mercer, Satin, Velvet, Pluf, Safety, \&c.

Some Vegetable fubftance; either \|the Rind of Plants, as Hemp, Flax;
Nettle, \&c. or grooving upon Trees.
4. SLINEN, Canvafe, Lain, Damask, Diaper, \&íc.
4. \{COTTON, Bombast, Fijian.

The use and fashion; either for
Ornament onely; being elegantly diftinguithed with Apertures and 5. SLACE, guarded, galloon, \&c.
(Intercifions.
5. \{PUR LE.

Ornament and binding; being a
Long Lain; || narrower: or broader.
6. RIBBAND, Fillet, Tape, Favor, Knot, Hairlace e. 6. SCARF, Carter.

Long Pin; \(\|\) slenderer s or thicker.
7. THRED, Line, Wire, Tarn, Packthred.
7. CORD, String, Halter, Rope, Slip, Line, Rein,

Lamina; fecially of Leather: or Loop and Pin.
8. \(\left\{\begin{array}{l}\text { THONG, Latchet, strap. } \\ \text { BUCKLE. }\end{array}\right.\)

Ornament and covering of \(\|\) the outfide : or the inffe.
9. \(\left\{\begin{array}{l}\text { FACING. } \\ \text { LINING. }\end{array}\right.\)
v. Such
V. ves. V. Such kind of Vtenfils as five to contain other things, are ufually cal-

Sels. led VESSELS, Cask, Receptacle, Pan, Plate, \&c.
Thefe are diftinguifhable by their Matter,Shapes and Ules, into fuch as ferve TKeeping and carriage of things; being either (for the
(Pliable to the things they contain; whether 1 more loofe: or more clofe.
SBAG, sack, Budget, Pocket, Pouch, Purfe, Sachel, Scrip, Wallet, Poke, Male, KnapJack, Portmantue, Cloak-bag.
CASE, Sheath, Scabbard, Shrine, Covering, Quiver, Tike, Pillowbear. stiff; for

Arids; being made either of \(\|\) bords : or twigs.
\(\left\{\begin{array}{c}\text { BOX, Cbeft, Trunk, Ark, Coffer, Cabinet, Casket, Bin, Clapper, Cupbord, } \\ \text { Hutch, }\end{array}\right.\) Hutch, Locker, Safe, Spence, Preß, Pyx,Coffin, Sumpter, Desk, Flafo, Till, Drawer, Cap-cafe.
BASKET, Flask.et, Mannd,Frail,Hamper, Pannier,Scuttle,Weel, Dorfer.
Liquids; in
(Greater quantities ; either \|clofed at both ends: or open at one.
3. \(\{\) BARREL, Cask, Fat, Firkin, Keg, Hoghead, Kilderkin, Pipe, Tum,
3. \(\left\{\begin{array}{c}\text { Butt, Rundlet, Cooper. } \\ \text { TUB, Bucket, Coul, Vate, Ciftern, Pale, Piggin. }\end{array}\right.\)

Leßquantities; whether
(Earth,\&rc.
(shallows; being made either of \|Metal: or other materials, Wood,
4. \{DISH, Platter, Pan,Charger,Voider, Bafon, Laver, Patin, Plate,Por4. \{TRAY, Pan, Boul, Trough. (ringer, Sawcer: Deep; of \(\|\) a bigger: or leffer aperture.
5. SPOT, Flagon, Tankard, Fack, Far, Pitcher, Fugg, Mugg, Noggin, 5. BOTTLE, Crendet, Jugs, Crufe.
(Pofinet, Urne.
Dreffing or boiling of Meat; either \(\|\) without : or with feet.
6. SKETTLE, Caldron; Copper, Furnace.
- \{SKILLET, Pipkin.
spending ; either by
Taking out, the Tube of effufion: to which may be adjoyned the inftrument 7. \(\left\{\begin{array}{l}\text { FAUCET, spout. } \\ \text { TAP, spig.got, stopple. }\end{array}\right.\)

Receiving in; whether \(|\mid\) of a roundiff: or oblong Cavity.
8. \(\left\{\begin{array}{l}\text { SPOON, Ladle, Scummer } \\ \text { SCOOP, shovel, laving. }\end{array}\right.\)

LLayikg on of Meat : or pouring out of Drink.
9. STRENCHER, Plate.
9. CUP, Boul, Goblet, Beaker, Cann, Chalice, Mazer, Glaß.
v1.COM-
VI. The laft Head of COMMON MIXED Materials, muft be acknowledged to be a very Heterogeneous heap. But the feveral particulars under it being very neceffary in their kinds, and not reducible to any. of the other Heads, 1 am forced to put them together here, not knowing at prefent how to reduce them more properly. They are diftinguifhable by their Ends or Ules; being fuch Provifions concern
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{Food for Cattel; either|| of dried Graß: or dried ftems of Grain. SHAY, Fodder.

- $\uparrow$ STR AW, Fodder, Halin, Litter, Thatch.
Warmth, and preparing of Food for men.

2. FEWEL, Firivg, Logg, Collier, Woodmonger.
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Giving of Light; being made either \(\|\) of the dried Fat of Animals : or of Oil. SCANDLE, Link, Taper, Torch, Light, Lanthorn.
3. 2 LAMP.

Curing

Curing of Wounds or Sores by outward application, being a Confection of Medicaments, which is Sometimes read upon Some Deft matter.
SSALVE, Unguent, Ointment.
4. \{ PLASTER, Cataplasm, Serecioth, Ponltis.
cleaning or stiffening of clothes.
STOPE
5. \(\{\) STARCH

Communication by Writing; denoting either the
Snftrument: or Liquor to write with.
6. \(\left\{\begin{array}{l}\text { PEN. } \\ \text { INK. }\end{array}\right.\)

Matter to norite on; confidered either \(\| \int \mathrm{simpl}^{2}\) in its nature : or as it is com. packed in Aggregates.
7. SPAPER, Parchment, Vellum, schedule, Billet, Ticket, Stationer.
7. \{BOOK, Volume, Tome, Treatise, Manuel, compile, compose, Library, Tract, Pamphlet, Manuscript, Stationer.
[Ornament; by reprefentation of the likenefs of things||in plain: or in Solid. 8. \(\left\{\begin{array}{c}\text { PICTURE, Pourtraiture, Effigies, Draught, Map, Chart, Landfcap, Em- } \\ \text { Clem, Image, Projection, Scheme, Diagram, Ainalemi, Arras, Enamel. }\end{array}\right.\) \(\left\{\begin{array}{l}\text { belem, Image, Projection, scheme, Diagram, } \\ \text { IMAGE, Statue, Puppet, Idol, Colofs, Crucifix. }\end{array}\right.\)

\section*{С C AP. XI.}

Concerning Relation more public, mobether I. Civil. Iİ. Judiciary. III. Military. IV. Naval. V. Ecclefiaftical.

MOre pablick relation may be diftributed into foch as do concernthofe Several relpects,ACtions and Things; belonging either to Several Families affọciated under Governinent, CIVIL RELATION. Courts of Judicature, and matters of Law, JUDICIAL RELATION.
A tate of Wart, MILITARY RELATION.
Mans Affairs and Traffique on the Water, NAVAL RELATION.
Matters of Religion and Worfhip, ECCLESIASTICAL RELATION.

\section*{CIVIL RELATION.}

THat Relation arifing from the affociating of Families under Government \(\varnothing\). I. for mutual benefit and defence, is ftyled Political or CIVIL, Republic, Commonwealth, State, political, Secular.

To which may be oppofed ANARCHY, Confufion.
The Notions belonging to this do refer either to
(Perfoxs in a political capacity, confidered according to their,
\(\}\) DEGREES. I.
\{PROFESSIONS or Vocations. II.
CONVENTIONS. III.
Things or bufineffes, relating to
RIGHTS. IV.
\(\left\{\begin{array}{l}\text { RONNRACTS for the Alienation of our Rights, }\end{array}\right.\) \(V\) OBLIGATIONS for the Confirmation of Contracts. VI.
1. Thofe differences whereby men under a Political Relation, are diOF MEN. ftinguifhed from one another, according to their feveral ranks, are ftyled, DEGREES, Place, Qxality, Rank, Order, Scutcheon, Coat of Arms, Herald.

To which may be oppofed the word PARITY, Levelling.
Thefe are either
[More general; according to the firft common Difference of || governing, namely fuch to whom doth belong the power and care of directing others in their duty, and rewarding or punifhing them accordingly: or governed, namely fuch as are under this Power.
\(\left\{\right.\) 1. \(\left\{\begin{array}{c}\text { MAGISTRATE, Rector, Governour, Regent, Rule er, Dominion, Sway, } \\ \text { Consul, Prefident, Provoft, Warden, Head, Territory, Seigniory, Msa- } \\ \text { jor, Baylif, Syndic States }\end{array}\right.\) jor, Baylif, Syndic, States, Furiddiaion.
(SLUBJECT-ion, Vafjal, fubmit, Homage, Liegeman, Private perfon, truckle, Underling.
-More particular; relating to
[ Kixds of principal Magiftrates; which have great variety of Titles in feveral Countries, not neceflary to be diftinctly provided for here, excepting onely fuch as are either; \(\|\) Sovereign: or Homagers to fome other.
(KING, Sovereign, Emperor,Imperial, Monarch, 2ueen, regal, royal, Majefty, reign, Kingdom, Lord, Dynafty, Sultan, Cham, Liege Lord, Regent, Realm, Diadem, Cromn, Coronation, Scepter, Tbrone, enthrone, Viceroy.
PRINCE, Potentate.
Orders of Subjells.
f Highcr.
Aore general; comprehending the \| greater: or leffer Nobility.
SLORD, Peer, Nobleman, bonourable, Patrician, Duke, Margueß, Earl, Count, Vifcount, Earoin.
3. GENTLEMAN, Gentry, Knight, Efquire, Sir, Madam, Wor-תlip-ful, Gentil-ity,Wellborn.
More Jpecial; with relation to the Degrees in liberal Profeflons; either || perfect : or inchoate.
SGRADUATE, commence, Degree, Doctor, Maffer, Rabbi.
4. ¿CANDIDATE, Batchelor, Inceptor, canvas, Jue,ftand for.

Middle; confidered
SAgregately.
5. PEOPLE, Folk, Commonalty, Commnity, mean, obfcure, ignoble, Plebeian, Populacie, popular, populous.
(segregately;as they are Inbabitants either in \|Cities:or the Conntrey
6. SCITIZEN, Free man, enfranchife, Denizon,Tomnfmar. \{YEOMAN.
Lower fort ; confidered
SAggregately.
7. RABBLE, V'ulgus, Tag-rag, bafe.

Segregately; according to their mant of \(\|\) Dignity: or Wealih.
8. SVILLAIN, Varlet, Raf cal, Peafant, Boor, fervile, Sirrab:Vafal, bafe. ¿BEGGAR, Rogue, ATendicant, shake.ragg.
Conditions of men; as having!| a right to dißpofe of themfeloes: or not.
9. \(\{\) FREE-MAN, liberal, enfranchife, Burgg\},
\{sLAVE, emancipate, manumit, fervile, ililiberal, Bondman, Bondage, Ibraldom, chib: all, enflave, ferve, Droyl, Drudge.
II. That
Chap. XI. Civill Relation. 265
II. That courfe of life about which one is ufually employed, and to \({ }_{\text {II }}\) I. PRO. which he applies himfelf for the getting of a Subfiftence, is fyled his YROFESSION, Vocation,Calling, Trade, Function, Occupation, Courfe of life, Craft, An.ftery.

To which may be adjoyned the word denoting the actual Ule of fucli Callings, PRACTICE, Exercife, VJe, follow, put in wre.

Thefe may be diftinguilhed, into fuch as are either
[More neceffary and beneficial to humane life; whether
[.Liberal Profeffions,fuch as become free and generous men ; relating eiITbings. (ther to
Sacred; as \(\|\) difcovered by revelation: or as the knowledge of them is attainable by nature.
r. \(\left\{\begin{array}{l}\text { DIVINE, Theology, Clerk, Schoolman. }\end{array}\right.\)
I. \(\{\) PHILOSOPHER.

Civil and political; namely, \|the more generally received Laws and Conftitutions : or thofe belonging to a particnlar Nation. SCIVIL LAWYER.
2. \(\{\) COMMON LAWYER, Pettifogger.

Natural; with particular reference to the difeafes of mens bodies and their cure; either || by direction: or by manual operation.
\{ PHYSICIAN, Medicime, Patient, Empiric, Mowntebanh,
3. \(\{\) Quack. \(\int\) alver, Farrier, Leach, Reveipt. CHIRURGION, dref a moonnd.
Words or l anguage: or the ornaments of difcourfe. SPHILOLOGER, Critic.
4. \{POET - ry, Poem, Bard, Mufe.

Illiberal; belonging more peculiarly
TTo a Toson; confilting of Trades of \(\|\) exchange : or manufacture,
\{MERCHANT, Market, Pedler, Huckster, Bodger, Hawker, Regrá:
5. \(\left\{\begin{array}{l}\text { ter, Shopkeeper, Traffic, Dealing, Merchandize, Fair, Mart. }\end{array}\right.\)
(MECHANIC, Handicraft, Artificer, Manufacture, Artizan, Work bouse.
To the Country; relating to the mogt ancient Profeffions of Tilling the ground: or feeding of Cattel.
6. SHUSBANDMAN, georgic, Hinde, Agriculture, Tillage, Bayliffe. ¿HERDSMAN, shepherd, Paftor, Cow-berd, Hog-berd. Catching of pild Animals.
7. HUNTSMAN, Hunt er, Fowler, Fifher, chafe, trace, courfe, Venijox, Game, Pocher.
BBoth to Towo and Country; for the carriage of things by ||Water: or Land.
8. \(\left\{\begin{array}{l}\text { MARINER, } \\ \text { CARRIER, Ripier, Cargo. }\end{array}\right.\)

Not necelfary; comprehending thofe feveral Profeffions mohichtend to the diverfion of others; \(\|\) by acting or perfoxating fome particular Story or Fiction : or ly amufing of men by the Agility of body or band.
\{PLAYER, Actor, Comedian, Tragedian, Play, Stage, Theatre, 9. \(\left\{\begin{aligned} \text { Enterlude, Perfonate. }\end{aligned}\right.\)
(PRESTIGIATOR, shewer of tricks, juggle, Legerdemain, Hocas pocas, Tumbler; Dancer on the ropes,\&c. Alountebank.,

M \(\boldsymbol{m}\)
III, Therivatively.
                                    (NATION-al, epidemical, naturalize, People, Country, vernack-
1. 3
                        lar, Patriot.
                COLONY, Plantation

Place of Habitation; confidered decording to the

\section*{[General name; denoting foch as inhabit \(\|\) move re difperfedly in the} open fields: or more close together, usually within fenced places; §COUNTRY, rural, rustic, Peajant, Boor: Hinde,Keri,swain, Clown, Tile. TOWN, Bmrrough.
spacialhinds \(\{\) fignifying all that part of a Nation under the fame Subordinate Government \(; \|\) dwelling more at large: or fuck as dwell clofe together, with peculiar Liberties and Priviledges in common among it them.
SPROVINCE, Circuit.
3. \{PROVINCE, Circuit.

Lowest Government; whether \| with: or without Gurididion. \{SHIRE, County, Tribe, Dijtriă, Riding.
4. \{PARISH, parochial, Parfom, Vicar, Thorpe, Village.
special inducements; for 11
Attendance on Governowrs: or advice in the Government.
5. COURT-ier, amlical.
5. ¿COUNCIL, Senate, Parliament, Diet, Conclave, Conffitory, Saltbedrim, Synod, Committee.
Education in Learning; either \(H\) of the Adult, with a power to license them for the Liberalprofefions: or andy of Children or young begingers.
6. \(\left\{\begin{array}{l}\text { UNIVERSITY, Academy, school. } \\ \text { SCHOOL. }\end{array}\right.\)

Regulating the of airs of fome\|Trade: or Prefeffion ; especially if they cohabit forsbofe ends in a kind of Political family.
\(\{\) COR PORA TION, Gy!d, Brotherhood, Fraternity, Company, so
7. \(\{\) ciety, community, municipal, incorporate. (COLLEGE-iate, Fellow.
Driving on of Some defogs; ll in general: or with particular reference to the opposing of what is legally efiablijhed.
8. \(\left\{\begin{array}{l}\text { LEAGUE, Confederacy, Combination, Alliance, Complice, Marti- } \\ \text { fan, Party, Vide moth, joy, bold together, Pack, compaE. } \\ \text { FACTION, Seat, nuncio, Gang, consPire, Side with, combine, Par- } \\ \text { ty-zan, oligarchy. }\end{array}\right.\)
IV. The
IV. The things which in 7ufice or Equity do belong to perfons, are IV. रIGuTs. called RIGHTS, Title, Intereft,Efate, Tenure.Holding, Freehold, Gift, Collation, Reverfion, Landlord, Paramount, endor,enfooff. To which may be adjoyned the word LIBER TIES, denoting whatioever is permitted, or not forbidden to them.
Thefe are confiderable according to their
Original ; being either
Primary and wnwritten.
Not voluntary; but according to \(\|\) the condition of its firfl being: or common praçicc and continuance.
SNATURE.
I. \(\left\{\begin{array}{c}\text { CUSTOM, accuftom, } \mathcal{V}_{e} \text {,Wont, Gujfe, Fafhion, Rite, vjage, ufual, }\end{array}\right.\) curramt, common, ordinary,ure,enure,Habit, Praffice, Hannt,prefcribe, usufual, obfolete, familiar, received, converJant, Habit, mianner, courfe,Hank, Exercije, Prefription, Defuctude.
U Voluntary; according to the \(\|\) choice of the Will: or a determined order. \{ELECTION, choice.
2. SUCCESSION, devolve, follom, Place.

Secondary and written.
(General; whether ilperpetnal: or temporal.
3. \(\left\{\begin{array}{l}\text { LAW, ALl, Statute, Decree, Sandtion, Confitution, Camon, Rule, legal, } \\ \text { legitimate, enad, orduin order, }\end{array}\right.\)
3. \(\left\{\begin{array}{l}\text { legitimate, enad, ordnin, order, abrogate, repeal pprefcribe, Legifator. } \\ \text { FDICT, Ordinat }\end{array}\right.\) (EDICT, Ordinance, Proclamation, Order, Breve, Bull, AC, Rule, Sandion, Refrript.
Special ; conferring \| Right to have : or Right to do.
4. \(\left\{\begin{array}{l}\text { PATENT, Charter, Brief, Letters Patents, Phacard. } \\ \text { COMMISSION, }\end{array}\right.\)
4. \{COMMISSION, Brief.
parts; conffting in
Power over that mbich is.
\(\left\{\begin{array}{l}\text { One's onn ; cither \|totally: or as to the wfe of it. } \\ \text { 5. SPROPR IETY, Concern, Ononer, Proprietary. }\end{array}\right.\)
\{PROPRIETY, Con
Anotber's; either as to \(\|\) hisperfon: or his affairs.
\(\left\{\begin{array}{l}\text { ALITHORITY, Power, Dominion, Preffac, Prefident, Head, Pro- } \\ \text { 6oft, Mafter, Plenipotentiary, authentic, claffic, govern, ratifie, } \\ \text { Rule, wway, infpedion, dijpofe, Precinct, Territory: } \\ \text { OFFICE, Place, Cure, overlook, officiate, Juperintend, furveigh, }\end{array}\right.\) Liberty; with refpect to
\(\left\{\begin{array}{l}\text { Advantages by } \text { Jecial Laws; either } \| \text { of the fupreme Nsagiftrate : or of } \\ \text { Someparticular rank of Subjects. }\end{array}\right.\)
SPREROGATIVE, Royalty.
7- \{PRIVILEGE, Franchife, enfra.
Remiffon or Can exemption from the rigour of a general Lam, in its \(A\)
Commanding: or probibiting.
8. SDISPENSATION.
- LICENCE, Permi/Jon, Sufferance, Leave, allopante, Faccilty; Connivence, rlacard, Prattick, let, mayy, fuffer, admit, dijpence, Pals-port, Safe conduct, Lëtters of Mart.
Panifbing: or impefing burthens.
9. \{IOLERATION, Connivence, Juffer, let alone, Quarter. \(\mathbf{M}_{\text {in } 2}\) (
V. The mutual negotiating betwixt men in their ordinary converfe with one another is flyled CONTRACT, Commerce, Entercourfe, Iraffic, Trade; Negoifintion: to which may be annexed for affinity the moll general occafion for fuch Intercourfe, namely, the parting mithone thing for the getting of anether,cilled EXCHANGE,barter;chaffer,cope, /poap,truck, chop, Comsmwiation; Srourfing, Bargain, Match.

The principal matters belonging to this Head do either refer to
AClions;
[Geweral; whether
Abfolute; transferring a thing from owe to another; whether \(\|\) for bis wfe to
whom it is transferred: or for bis we that transfers.
SASSIGNING, configming, conveying, rgfigning, deliver, put over.
1. \{DEPOSITING, Trmftee, Feoffee, enfeoff, charge, commsend, recommend
entrufl, commit, Fiduciarg, Sequeftration.
<Conditional; \(\|\) giving: or having right tpan Eftate after the death of bisi zobo difpofeth of it.
SBEQUEATHING, devifing, Legacy, Teftament, Wتill, Execitor, Intcftate.
2. \(\{\) INHERITING, Heir, bereditary, Heritage, Patrimom, Fee-Fimple, Entail, dijherit, Hereditament, Portion, Primogeniture.
special; either by
PRapting with: or procuring, propriety in any thing, upon the confideration - for fonsething elfe to be taken or given in exchange.

SSELLING, vent,ntter, Ware, Commodity, Sale-able, venal, vendible, fta-
3. \{ ple,put off, retail,aff ord, bandfel, monopoly, make mony of, ferve one with.

QBUYING, purchafé, Cater, chapinan, ( uftomer, engroffing, ranfom, re-
decm, regrate; foreftal, interlope, preemption, the refiging.
Parting with: or procuring the temporary wfe of fomething belonging to ¢The more general name. (another; according to
\{. SLENDING, Loan, Creditor, proftitute, truff.
4: \(\left\{\begin{array}{l}\text { LENROWONING, take up. }\end{array}\right.\)
(given.
The particular kixd;pelating to fome temperary remard to be \|taken, and
SDEMISING, let, let out, let to farm, leafe, Lcfor, Landlord,', Broker,
5. \(\left\{\begin{array}{l}\text { Rent, Principal, Intereft, put to ufe. }\end{array}\right.\)
(HiRING, farming, backney, mercenary, profitute, Temant, Leffec, Leafe, Revt, Duterefa, vije, as livery, Gratis.
Beftoming skill omlabour about any bufineff: or compenfating of it.
6. SEARNHNG, Keitit, Defert, Meed, Demerit, Jupererogate.
6. LWAGES, Fers,Salary, Penfion, stipend, Vails,fare, freight, gratis,

Things; whether more
P Private; to be extibited by the
(Buyer; either \(\|\) the mobole value: or a part of it, for affurance of the teft.) \(T_{7}\) PRICE, Rate, Value Worth, Ranfom, ftand in, coft, cheap, dear, precis
7.

EAR NEST, Gage, Pledge.
Seller ; either \|t the thing bought : or fome part, for fecurity of the whole. .
8. SBARGAIN, Ware, Commodity.
8. ZSELSIN, Livery, infsall, admit, Entry, inthrone, inaugurate, inzeft.

Pullic; tamdeds defraying the charge of Governenent; whether || ordiwary: or occafional.
STRIBUTE, Cyfom, Annates,Gabel, Excife, Toll, Impoft, Publicane. - \(\{\) TAX; fuate, Contrilintion, Collection, affef, Publicane, Surbfidy, Tununge, \({ }^{2}\) poringre, pronage, Pole, Collector, scot, scfment.
VI. Thofe
VI. Thofe feveral kinds of Affurances which men offer concerning niobina what they intend to give or do, are ftyled, OBLIGATIONS, plight, en- TIONS. gage, Deed, bind, Bond, Bill, evidence, \&c. undertake for.

And when luch Obligations are reciprocal, they are then called PA-
CTIONS, Agreemeñt, Compalt, Covenant, Bargain, Condition, indeut, Match, stipulation, sponfon, Warranty, Articile, frike up a bargain.

Thefe are either
IImperfett; or degrees towards Contracts more
Remote; in the firft overtures of a Contrait; whether \|as begin by one:
1. \(\{\) BESPEAKING, Retain. (or mutual betwixt both. TREATING, driving a Bargain, capitulate, chaffer, parley, cheapen,
buck, baggle.
Near ; in propofal of thofe terms according to inbich one obliges himelf toll
2. \(\left\{\begin{array}{l}\text { BID, offer, huck; baggle. } \\ \text { DEMAND, rbedpen, ask, exaif. }\end{array}\right.\)
(buy; or fell.
'IPerfedt; cither in
FWords;
spokew.
Common; II ingaging onir Veracity, fometimes mithb the addition of fuch folemn expreflions as may teftifie our reality.
\(\left\{\right.\) 3. \(\left\{\begin{array}{l}\text { PROMISE; Word, Parol, plight, Covenaint, League, undertake } \\ \text { for, paß ones word. }\end{array}\right.\) for, paf ones word.
PROTESTATION, Afeveration, averr,vouch, fand in, Atteftation.
\sacred; tngaging our Religion, and appealing to God as \| a Witmeß, and as a Judge, to punifh us upon our falthood. (Oath.
4. \(\left\{\begin{array}{l}\text { SWEAKING, Oath, depofing, abjure, Perjury, adjure, purge upor } \\ \text { IMPRECATION, Execration, Malediction, curfing. } \\ \text { Written; attefted mit } \boldsymbol{j} \| \text { our peculiar nawe, or Jeark: or Impref/ing }\end{array}\right.\)

Written; atteßed with \| our peculiat nawe, or Mark: or Imprel/ang fome figure in Wax, or fome like matter
5. \(\left\{\begin{array}{l}\text { SIGNING, Obligation, Deed, Evidence, Bill, Indenture, Inftrm- } \\ \text { ment, Writing, Aluniment, Convejance, Palicy, fubforibe, nnder } \\ \text { ones hand, fot ones bated. } \\ \text { SEALING, Seal, Signet, Sigil, Bond, ßecialty. }\end{array}\right.\)

\section*{Security;}

Perfonal: whether \(\|\) expre \(\beta\), by promifing for another, and waking bimfelf liable to the fame Penalty upon the other's failing: or implicit, by §peaking in one's behalf.
6. \(\left\{\begin{array}{l}\text { SPONSION, Stipiulation, Bail, wouch, undertake for, Surety - -hip, }\end{array}\right.\)
6. \(\left\{\begin{array}{l}\text { Hoftage, Security, Warrant, Caution, engage, reßponfble for. }\end{array}\right.\)

I NTERCESSION, Mediate .or, interpofe, , 及eak for.
Real, of ones Goods; either
(Abfolute; by ingaging for the truth of a Promife either \|the Goods in Specie, or only his right to thetro.

SPAWN, Pledge, gage, engage.
ZMOR GAGE, Security, Statite, Caution, engage.
(Relative; by ingaging them for the fuccefs of a thing contingetit, \(\|\) either as Principal, or as Accefory.
8. \{WAGER, Stake, \(v y\), lay, prize. रBET, stake, vy, revy.

\section*{JUDICIAL RELATION.}
Q. 1I. 刁 He feveral Notions referring to matters of Law and Courts of CIAL RELATION, forenfical, Court, Hall, extrajudicial.

There arendiftinguifhable into fuch as concern
PERSONS. I.
CAUSES and ACtions. II.
Faults.
SCAPITAL. III.
\{NOT CAPITAL. IV.
PuniShments,
SCAPITAL: V.
¿NOT CAPITAL. Vi.
1:PERSONs. I. PERSONS confiderable under this Head of Judicial Relation, may be diftinguilhed into fuch as are either

\section*{More principal. \\ i Persons judging.}
| Legally constituted; || Principal: or Acceffory.
(JUDGE, chancellour, Commifary, Cenifor, Moderator, Official; Jury, Inqueft, Doom, sentence, decide, determine, eenfure, Judicatory, judicial, Court, Bench, Tribunal.
ASSESSOR; Syndic, Bencher, Alderman, Canons, Prebends, Chapter, Fellows, alfift, Sides. men.
Voluntarily consented to by the parties; \|todetermin the Suit : or cafe ike Entity betibeen them.
2. SARBITRATOR, 2 'mire, Days -man, comprimize: Referree, award
2. §MEDIATOR, Incercefor, deal- betiveen, intermediate, Mean.

Perfons judged; whether \|active: or palfive ; in
Criminals.
(ACCUSER, Informer, challenge, Endite-ment, charge, attaint,
3. \(\left\{\begin{array}{l}\text { peach, empeach, arraign, tax, lay to ones charge, call in queftion }\end{array}\right.\)

PreSentment, Bill. profecute, Promooter.
(PRISONER, or reputed Criminal, Delinquent, Malefactor, Defer-
Iudicials.
4. SPLAINTIF, Accuser, complain, blame.
4. \{DEFENDANT, Apology, excuse, vindicate.

Lefßprincipal; relating either to the
['Fudges; for 1
\(\left\{\begin{array}{l}\text { Writing: or saying publicly. } \\ \text { SNOTARY }\end{array}\right.\)
5. \{NOTARY, Regifer, Remembrancer, Secretary, Clerk, scribe;

Fetching : or keeping.
غ. SPURSEVANT, Meffenger, Catchpole, Serjeant.
¿MARSHAL, Keeper, Failonr.
Parties; \(\|\) to advise and freak in behalf of either party: cr to declare the truth indifferently betwixt both of them.
7. \(\left\{\begin{array}{l}\text { ADVOCATE, Counsel, Pleader, maintain, defend, vindicate, } \\ \text { Lawyer, Barreffer, Proctor, Clyent. } \\ \text { WITNESS, Evidence, atteft,tefitio, Teftimony, Affidavit. }\end{array}\right.\)
II. To the more gencral words of Ad̃ions or PROCEEDINGS, Can- If. PRo. fes, in Judicial Affairs,may be annexed thofe lefs general words of SUIT, CEEDiNG's. Controverfe, itmplead, cointmence, Caff, Cainf, Al̈ion, go io lav, inage lait, preferr a Bill, Barrefer, Brabble.

Thefe are either
\(\left\{\begin{array}{l}\text { Antecedent } ; \text { on the part of the } \\ \text { Ple }\end{array}\right.\)
Plaintiff; in \|lsiving legal notice: or feizing on the perfon or goods of bis Adverfary.
! 1. \(\left\{\begin{array}{l}\text { CITATION, skbprana, Proceß, call, tivarn, fummon, Snmmer, Appa- } \\ \text { ritior, Bailijf, Beadle. }\end{array}\right.\)
serjeant Betl chitrend, aille in, fike, lay hold on, Embarg', serjeant, Baily, Catchpole, Beadle, Replery.
Defendant; |l giving affur ance of anfiwering in Cowt : or coming hineJelf, or by bis skbfititete, to aufiter it accordingly.
2. \(\left\{\begin{array}{l}\text { BAIL } \\ \text { APPE }\end{array}\right.\)

\section*{concomitant.}
iPreparatory; by the 3. \(\left\{\begin{array}{c}\text { mence Juit, whage last, Batretor. }\end{array}\right.\)

PLEA, Apology.
( 7 wdger \(;\) in their htaking notice of and hearing the Cauff: or making Jearch into the merits of it.
4. SEOGNIZANCE, Hearing.

ZEXAMINATION, Trial, fift out, Hearimg. İnquiftion, interrogate, Decifinu.

Scrutiny, fcahn, vien, teviex, revif, canvafe, gage, pmmpe out.
Common ; || agreciang upton the fate of the Qeeftions or determining what the merit is.
5. SJOYNING ISSUE:
5. \{SENTENCING, Doomi, Fwdgment, Verditt, Cenfire, Decree, Order, adjudge, decide, determin, apiatd, defivitive.
Pafive, in the parties; as they are found || not to have tranfereffied the Laip: or having tranfgrefed it.
6. \(\left\{\begin{array}{l}\text { INNOCENT, clear, blameleß, birmleß, jufifice-cation,vindicate, } \\ \text { difthatge, }\end{array}\right.\) \(\left\{\begin{array}{c}\text { dijcharge, cleanfe, purge, compurgation. } \\ \text { gviv }\end{array}\right.\) GVILTT, nocent, delinguent, pecceant, convirt, culpable, fault); tardy, Offender, Tranggrefor, propitiate, expiate.
AClive, in the 于edge; prononincing the party either || free from: on obnoxigus to Punifoment.
\(\{\) ACQUITTING, abfiving, afooil, clear,dijcharge,ioofing.purging; quit, releafe.
CONDEMNING, caft, damm.
confequent; in the
Parties; \|lexprefy declining the Gudgnient: of referring the Caife to
8. \(\left\{\begin{array}{l}\text { PRO I ES TING. (fome bigber Fudicature. } \\ \text { APPEALING }\end{array}\right.\)
fudges; by \(\|\) inficting the Punijment : or freeing from it.
9. SEXECUTING, inflict, fuffer, Executioner, Hangman. SPARDONING, forgiving, emit, releafe,venial,Indulgence.put up.

WITCHCRAFT, Conjuring, Necromancy, Sorcery, Black-art, Magic,
1. encbant, fafinate, fore. Jpeak, Cbarme Spell, Cwning:man.

WIZARDING, Manteia, Divining, Cypfie, Fortune-telling, SootbSaying, Sorcery, Augury, Aftrology, Geomancy, Pyromancy, Phyfognomy, Cheiromancy, Palmijtry, Sigil, Talifman.
AMan; whether
[A public perfon, or Magiftrate.
(More general; implying || declared bofility againft bim : or expofing bim to bis enemies.
STREASON, Traitor, betray.
2. \{CONSPIRACY, betraying.

More particular; \|a forcible oppofing of him by Arms: or occafion. ing fome illegal tumultwow dijeenfon in the Multitude. mult, Hurly-burly, Scuffe, Stirrs. Quoil, Racket, Boxte-fey, Iudiary, turbulent.
Any private perfon; according to the
General name; by which it is called in our Englifh Laws.
4. FELONY.

Particular kinds; diftinguiihable by their Objects, as being againft [Life; by taking it awoay illegally.
5. MURTHER, Aflalfin -ate, Homicide, Manflaughter, Mafacre,

Parricide, cut-tbroat, blood-thirfty.
〔Cbafitity ; by unnatural coition, either \| with Beafts: or Males.
6. \(\left\{\begin{array}{l}\text { BESTIALITY, Buggery. } \\ \text { SODOMY }\end{array}\right.\) Eftate; with refpect to another's.
Goods; taking them awoy either \(\|\) openly and forcibly : or fecretly and by craft.
(ROBBERY, Rapine, Sacrilege, Thief, Bandito, Pyrato, Picke-
7. \(\left\{\begin{array}{l}\text { roon, pillage, take a purfe. }\end{array}\right.\)

THEFT, feal, purloin, lurch, fich, pilfer, nim, furreptitiow,
Plagiary, Sacrilege, Cut-purfe, Pick-pocket, light-fingered, Larcem.
Habitation; \(\|\) by burwing it : or breaking into it.
8. SHOUSE.GURNANG, Incendiary.
3. ZBURGLARY, Howfe-breaking.
IV. Crimes or FAULTS NOT CAPITAL, may be diftinguifhed iv. FAurws into fuch as are
2. \(\left\{\begin{array}{l}\text { Punk, Leman, 2iean, Drab, Strumpet, profitute, deflour, Jtuprate; } \\ \text { vitiate, , bivenching, Brothel, Stews, Bapid, Parder. }\end{array}\right.\) viliate, , wenching, Brotbel, Stews, Bamd, Parder.
ADULTERY, Concubine. fate;
General; \|lly unjuft getting : or kecping of another's Right.
SUSURPATION, incroach, intrench, grow upon, invade, intrudé, 3. \{DETENTION, mith-bolding, keep back. (tbruftia.
Particular, as to the manner of it; by abufing
skill; in \|t taking advantage of another man's ignorance, efpecially in actions of Commerce: or mijufing bis own skill in the falfofying of a thing.
FRAUD, Déceit, Güite, Coxening, Delufion, Colluffòn, Illufion, dodge, trepan, over-reach, prevaricate, circumvent, go-byond, 4. imppof, gnll, begnile, defraud, Impofizre, Knave, Rook, cheat, shift, shark, oog, fur, wheedle, come over one, JApplant.
(FORGERY, connterf eit, faffe, adulterate, fophificate, coix, devife, forge, faljfie, foijting, Interpolation, Impoffar, fuppofititious, „urreptitious.
Power; by \|taking advaniage of another man's necelfry or impotence: or exceeding the allowance of the Lamp.
5. \(\left\{\begin{array}{l}\text { OPPR ESSION, Force, Violence, exad, overcharge. } \\ \text { EXTORTION, Exätion, Rapine, Rapacity, wrefing, wring; }\end{array}\right.\) griping, ravin, poling, pilling.
Conrfe of Laws by endeavouring to corrupt \(\|\) ibe officers of Fuftice: or the Witnefjes.
6. \(\left\{\begin{array}{l}\text { BRIBERY, Corruption, dambing. } \\ \text { SUBORNATION. }\end{array}\right.\)
ood name; endeavoxring to render another
[Crimival; by accufations ||not true: or made unlanofully againft and abfent perfon.
SCALUMNY,Obloquy, slander, Aßerfien, opprobriows, Detraction;
7• \(\begin{gathered}\text { Falfe eccufation, carping, belie, defame, difparage, traduce. }\end{gathered}\) BACKBITING, Libel, Tale-bearer, Tell-tale, whißpering, Pick thank.
Infamous; by objecting ll another's failings: or our own favours.
8. \(\left\{\begin{array}{l}\text { REPROCHING, nip, taunt, } \text { coff; ttwit, opprobry, obloquy, tax, } \\ \text { siraduce. }\end{array}\right.\) UUPBRAIDING, caft in one's tieeth, exprobräte, twit.
odious : or ridiculoss.
g. \(\left\{\begin{array}{l}\text { REVILING, rdil, fcold, bravol, Contumoly, inveigh, inveClive, }\end{array}\right.\) foul-mouthed, cucking.fool. CCKNG, deride, floüt, jeer, fcoff, twit, gibe, quip, gird, frump, bob, tannt, mipe, jerk, Sarcafm, Palquil, Irrifon, Illixfion, Satyr, Burlefque, play upon.
- punish- V. By Purifhment is meant the evil of Suffering, inflicted for the evil MENTSCA- of Doing; to which may be adjoyned the lofs or Extinction of a mana PITAL. Right in a thing which he formerly injoyed, Ityled FOR FEITURE.

PUNISHMENTS CAPITAL are the various manners of putting men to death in a judicial way, which in reveral Nations are or have been either
isimple; by
[Soparation of the parts 3 || Fread from Body: or Member froms. Memsber.
1. \(\{\) BEHEADING, frrike of wnes bead.

Wound.
(At dijtame ; whether \(\|\) from Hand: or from Infirnment, is Gun, Bow, zc.
SSTONING, Pelting.
\{sHOOTING.
At bands either by
(Wright; \(\|\) of fomething elfe: or one's own.
8. SPRESSING.
3. SPRECIPITATING, throwing or saffing beadlong.

Weapons Hany way: or tirect uproards.
SSTABBINO.
4. ZEMPALING.

Takirg anoay meceflary Dict : or giving that which is woxious.
5 SS TAR VING, famifhing.
\(5\{\) POISONING, Venom, envenom, virulent.
Interception of the Air; at the
[ Mouth; diftinguifhed according to the place of the party, \|in abe Air: or th the Earth
6. 5 STFLLNG, frooother, fuffocate.
¿BURYING ALIVE.
(water: or Fire,
\(\left\{\begin{array}{l}\text { DROWNING. } \\ \text { BURNING ALIVE: }\end{array}\right.\)
7broat; \(\|\) by meight of a man's own body : or the ftrength of others.
8. \(\left\{\begin{array}{l}\text { HANGING. }\end{array}\right.\)

Mixed of wounding and ftarving; the body being \|erea: or fing on a strbect.
9. \(\left\{\begin{array}{l}\text { CRUEGFYING, CTOR } \\ \text { BREAKNG ON THE WHEEL. }\end{array}\right.\)

\section*{Chap. XI.}
VI. PUNISHMENTS NOT CAPITAL are diftinguifhed by the vi.punish. things or fubjects receiving detriment by them, as being either of the . Ments
Body; according to the
not ca-
(General name; figuifying great pain
\{1. TORTURE, Torment, excruciatt.
special kinds; by
Striking ; mith|| a limber: or a fiff Infrument.
2. \(\left\{\begin{array}{l}\text { WHIPPING, lafling, fourging,leafling, jerk, Rod, fafh: Switch, }\end{array}\right.\) fripe, Beadle.
CuDGELLING, bafinado, bafte, f̣winge, spaddle, frubbb, תapp, thrack.
Stretching of the limms violently; the body being ||laid along for that purpore: or lifted kp into the Air.
3. \(\{\) RACK.

Liberty; of which one is deprived by Refraint II
Into \(\|\) a place: or infrument for cuffody.
(IMPRISONMENT, Incarceration, Durance,'Cufody, Ward, clap up, conmit, confine, mue, Ponnd, Pinfold, Gael. our, Connter, Cage, Coop, Toleboth, Dungeon, Marfal, releafe, fecure, fet faf.
BONDS, Fetters, Gyves, sbackles, Manicles, Pinnion, Cbains.
Oint of \& place or country; whether || moith allowance of any other: or confinemisent to one other.
5. SEXILE, Banifb-ment, exterminate, proforibe,ejedt, expel, out-lawed. 5. \(\{\) RELEGATION.

Repute; whether || more gently:or viore fevercly by burning inarks in one's
6. SINFAMATION, Ignominy, Pillory.
(fielb.
¿STIGMATIZATION, Branding, Cauterizing, burning in the band,
Effate; whether||in part : or in mbole.
(Mark.
1. SMULCT, Fine, amerce, fconce.
- \{CONFISCATION, Forfeiture.

Dignity andponer; by depriving one of || bis Degreet: or bis capacitt to bexr
8. SDEGRADING, depofing, depriving. Coffice.
8. \{INCAPACITATING, caffier, difable, dijcard, depofe, disfrancbize;

\section*{MILITARY RELATION.}

THis Head of MILITARY RELATION, is intended to contain fuch Notions as concerin the various refpects and capacities belonging toa flate of War. The ufing of the united Force and Arms of many agdinge others, is flyled WAR -fare, martial, polemmical, Militia, Cbivalry.
Arid the being without mntual oppofition is called Peace.
The Notions appertaining techis Head, do relate either to Meilitary
[ACTIONS. .].
EvENTS. 11.
Perfons.

§SEGREGATE. III. そAGGREGATE. IV.
Infiruments necef/ary to War, AMMLINITION. V. PLLACES. VI.

Declaring enmity on the llaffenfive: or defensive ide.
2. \(\left\{\begin{array}{l}\text { PROVOKING, sba } \\ \text { UEFYING, dare }\end{array}\right.\)

Beginning of actual || offerice: or defence.
\(\{\) ASSAULTING, aflail,attaque, invade, encounter, Onjet, jet upon, cbargë,
3. \(\left\{\begin{array}{l}\text { Inrode, Rencounter, Incurfion, fall on, rn upon. }\end{array}\right.\)

RESISTING, withStand, ftand againft, bear \#p againft,turn bead, firinggle with, Antiperiftafis.
Endeavouring \(\|\) to difpojfes one of lis place: or to frustrate fuck endeavours; [Keeping from nece/jaries: or Supplying with necefJaries. (either by \(\|\) SBESIEGING, Siege, beleaguer, beet, block up, bim in, lay frege.
4. \(\left\{\begin{array}{l}\text { RELIEVING, Succour, fupp'y, help, recruit, reinforce, fulfidiary, Ald. }\end{array}\right.\) Under dig sing the Sepiment; either \|to make a breach in it: or to binder 5. SMINING, undermine, Sapping. (the making of foch a breach. 5. ¿COUNTERMINING.

Entring forcibly to afJault the befieged: or going out to affault the befiegers. 6. STORMING, a faulting, boarding, attaque, foaling, on-flaught. \{SALLYING, ijiue out
Reciprocal and in common; whether by ways of
Force; viz. the mutual endeavours of corporeal mijchief to one another; G General name: or that which is betwixt two. (according to the ||
\(5 \%\) SFIGHTING, Combat, Conflict, encounter, cope, bicker, Fray, impugn,
7. ZDUELLING, Single combat, Champion,Lijt. (jcufflc, LIft.
special kinds, betwixt numerous parties, according to foot order and appointment; either of \(\|\) Some part of the Army: or the pothole
8. \(\left\{\begin{array}{l}\text { SKIRMISHING, Fray, Vclitation, picker. }\end{array}\right.\)
8. \(\left\{\begin{array}{l}\text { SKTTELLING, set fight, set botel, joyn battel, shock. } \\ \text { BAT }\end{array}\right.\)

Skill, or fume Secret art to deceive an Enemy; according to the II general name : or by concealing Souldiers for the sudden furprijal of others.
9. \(\left\{\begin{array}{l}\text { STRATAGEM, ensnare, Device, Trick, Train, Jurprize. } \\ \text { AMBUSH, Ambujcado; infidiate, lay moat, lurk }\end{array}\right.\)

1I. Nilitury EVENTS may be diftinguifhed into fuck as are either
Oof Importance; when \|one keeps as before: or gains from the other: or lopes bis ope 3 relating to the
[Condition usually befalling fuck as are \(\|\) equal: or frowner: or weaker. S COMING OFF LUPIN EQUAL TERMS.
1. \(\left\{\begin{array}{l}\text { CVCTOR, overcome, defeat, dilcomifit, beat, min, yanqui } h, g e t ~ t h e ~ d a y, ~\end{array}\right.\) the letter, the upper band, quell, predominant, prevail, subdue, fuppre \(\beta\), over-bear, -matter.
COV ERTHROWN, Jibdued. 'iled, Juppreffed, routed, moorfted, beaten, \({ }^{-}\) Place of fighting.
(defeatcd,difcomfited,brought under.
2. SSTAND HIS GROUND.
2. \(\left\{\begin{array}{l}\text { ADV ANCE, get ground. }\end{array}\right.\) \{RETIRE, retreat, give back, brink; recede, ricoyle.
Country of fighting.
3. SEEP THE FIELD.
3. \(2\{P \cup R S V E\), chaf, courfe, follow, profecute, Hue and Cry. \(\left\{\begin{array}{l}\text { FLT, run away, rout, fug itive, take ones heels, put to flight. }\end{array}\right.\)

TTomn affau!ted.
4. \(\{\) HOLD OUT, make good, maintain, ftandont, hold tack.
4. \(\{\{T A K E\), win.

LLOSE, yield, furrender, Rendition.
Goods of thofe that fight.
SSAVE ONE'S OWN.
5. \(\left\{\begin{array}{l}\text { BOOTIES, Forage, Plunder, Pillage, Quarry, Irey, Prize, Free-booter, }\end{array}\right.\) Letters of Mart, Letters of Reprize.
\SPOILS, barras,baviock, ravage, rifle, Jack,ranfack, Wreck, Devafiation, Perfons concerned. (Ruin,Waft, depopulate.
6. \(\left\{\begin{array}{l}\text { ESCAPE, evade, fcape, efchew, get rid, get quit off, get off, 乃hift amay, gei } \\ \text { SCAPTIN ATE, take prifoner }\end{array}\right.\)
§ SCAPTIVATE, take prifoner.
(clear. ZrIELD, give up, render, furrender, refign, deliver.
Final iflue of the War.
7. SSAVE.
\{. SCON2ひER, b́ring under, mafter, mate,guel, vanquiß,reprefs,fuppreß, tame fubdue, vin. (sUBMIT, give up, humble, yield, furrender, come in.
of \(S\) bew on the Victor's fide, (for the conquered makes none; ) either by Some \|folems ACtions to be publicly performed: or Things aud Structiures to remain in memory of the Vicfory.
8. STRIUMPH, exixlt, crow, exultation, Bonfire.
. TROPHEE.
III. Alilitary PERSONS (Souldicr, Warrier, Reformado, Serve, preß, ) Je- int mithgregate, may be diftinguifhed by thofe feveral imployments for which they tay PRR. are defigned; being either for

Digging: or other fervil works; denoting fuch Servants of the Army as fol-
"(low the Baggage:
(low the Baggage:
IV. Di-
IV.milic. IV. Military PERSONS AGGREGATE(Party of Souldiers,Forces,disband) WO NR- may be diftributed according to foch different names as do denote either the Sons may \(\quad\) Whole; being an armed Multitude fit to aflault or refill, confining of many GATE.
1. ARMY, Hoft,Forces, Battalia.
(fubcrdinate divifions.
Parts; according to
The firs: or the Second greateft subdivifions.
2. SBRIGADE, Battalion, Terce.
\} 2. ¿REGIMENT, Legion, Tribune, Colonel.
T The third: or fourth fabdivfion, belonging both to Horse and Foot:
3. \(\left\{\begin{array}{l}\text { COMPANY, Troop, Band, Captain, Centurion. }\end{array}\right.\)
3. 2 SQUADRON.

Order and Situation; whet her with \(\|\) the five of every one towards the file of the SRANK. (next:or the face of every one towards the back of the next, 4- ¿FILE, Roe.
voes and Services for which fuch perfons are defined; whether -
To march before the Army, for clearing of the way: or to follow a after, for
5. \(\left\{\begin{array}{l}\text { VANCURRIER. } \\ \text { RESERVE }\end{array}\right.\)

To begin the Fight : or to ingage in the moot difficult services, being usually a
6. SFORLORN HOPE.
(elected Company.
c. ¿COMMANDED PARTY.

To take care of and defend the Baggage.
7. TRAIN.
viunirl. V. The Provifions neceffary for Offence and Defence are styled by the general name of AMMUNITION, Magazine, charge, difiharge, Arcenal.

To which may be adjoyned the word BAGGAGE, Iurpediments, Luggage, Lumber.

They are diftinguifhable according to their Shapes, and thole feveral Utes for which they are defined, into fuch as are more
 ;Offence.
Commines, near hand; being either for
(Striking chiefly; whether \(\|\) bringing : or cutting.
2. SCLUB, Bat, Eaton, Battle-ax:Mace, I'ole-ax, Cudgel.
- \(\{\) SWORD, Scimitar, Hanger, Rapier, Tuck, Fonyard, stilletto, Dagger, Fanchiow, Gave, Cutler.
Thrufting chiefly; of which the latter is fometimes used for striking. SPIKE. Spear, Launce, Javelin, run at tilt.
3. \{HALBERT, Partizan, Trident.
minus, at a diftarce.; whether
- Ancient and lefsartificial; denoting either the

Inftrument giving the force, being of a curved figure and elaftical Power; to be held in the band, either \|immediately: or by the fork so 4. SBOW, ,hoot, Archer, Fletcher. < 4. \{CROSS-BOW, hoot.

Inftrument or Weapon projected; whether \(\|\) immediately out of the hand: SDART,Favelin, Harping-iron. (or mediately from something elf.
5. A ARROW, shaft, Bolt.

Ifodern and more artificial, (i.) fire-Arms; denoting either the i Veffels giving the force \(;\) according to the name of \(\|\) the whole kind : or of i ike bigger kind.
6. \(£\left({ }^{\prime}\right.\)
```

                            6. \(\left\{\begin{array}{l}\text { GUN, Aboot, Sinaphance, Fire lock, Musket, Carbine, Blünderbuß, }\end{array}\right.\)
                                    Piece, Arquebws, Petronel, Pijfol, Dagg, Potgmn, play kpon.
                                    ORDNANCE, Canmon, Artillery,Saker, Minion,Bafilisk, Drake,
                    \& c. floot.
    Utenfils; ligniffing the thing \| onkindling: or enkindled.
    7. SMATCH, Tinder, Touchroood, Spunk:
    . \{POWDER, Guxpowder.
    iThings difcharged; either \| folid: or bollorb.
    8. SBULLET, Ball, pellet, shot.
        ¿GRANADO, Petard.
    Defence.
9. BUCKLER, shield, Target.

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VI. Such kind of Places,together with fuch kind of Contrivances belong' vi:mint, Ing to them, as relate to a flate of War, may be ftyled MILITARY PLACES \({ }_{\text {pLAcES }}^{\text {TARI }}\) or Works, (Mnnitions, Fortifications, fenced, Hold, dijmantle.)

To which may be adjoyned for its affinity the common notion of fuch things as are ufed for the fencing of Places; SEPIMENT, Wall, Pale, Fence,

Thefe may be diftinguifhed into fuch as are (Enclofare; Fold, Monnd. TMore principal;
[Comprehending the Area contained within thewt.
(Greater ; in || Conntry: or TOson.
1. SCAMP, encamp, quarter.

ZGARRISON.
Les; more || independent : or dependent.
. SSCONCE, Fortreß, Platform, Fort.
2. \{BLOCK-HOUSE, Fort, Baftion, Strong-bold.

Not comprebending the Area contained within them.
(Eartb.
(General; denoting a Sepiment \(\|\) Ridge-like of Earth: or Furrow -like in the
\(\{\) 3. \{RAMPIER, Wall, Bulwark, Line, Counterfcarf, Mound, Out-work.
3. そDITCH, Dike, Foß, Trench, Mote.
(special; fignifying the\|outward: or inwardwath.
4. \(\left\{\begin{array}{l}\text { VAUMURE. } \\ \text { LiNING. }\end{array}\right.\)

Le \(\beta\) principa!; whether
i Parts.
5 5. \(\left\{\begin{array}{l}\text { HALF-MOON. } \\ \text { HORN-WORK. }\end{array}\right.\)
Leffer; either || angular to defend the fides of a place: or the firaight fides
c. \(\left\{\begin{array}{l}\text { REDOUBT. (to be fo defended. } \\ \text { FLANKER }\end{array}\right.\)

Acceflions; belonging to the
[Out-parts ; being a feries of || great Piks erectedi or Holes dug in the earth. \{ PALLISADO
7. \(\{\) FURNACE-HOLE.

Entrance; Military Doors ||to Jout tramfuerfe: or to let down ditect. 8. STURNPIKE. \{PORTCULLIS.
Walls; fignifying an eredl crenated Margo apon the Walls 5 || eitber bait upon them : or made by fetting on Bashets filled with earth.
9. \(\left\{\begin{array}{l}\text { PARAPET. }\end{array}\right.\)
9. \(\left\{\begin{array}{l}\text { PARAPET } \\ \text { GABION. }\end{array}\right.\)

NAVAL

\section*{NAVAL RELATION.}
\$. IV. THe Head of Naval Relation is intended to comprehend the various Notions and Expreffions, belonging to mens affairs and traffick on the Things. (Waters; refpecting either SKINDS OF VESSELS ufed for Paffage. I. ¿Parts of Veffels; relating to fuch as ferve for CCostaining ; HULL. II. \{PROGRESSIVE MOTION OR STAYING. III. RIGGING. IV.

\author{
PERSONS. V.
}

LACTIONS. VI.
if kisds I. The KINDS OF VESSELS which are ufed for paffage on the Waters, SELS. are in feveral Countries of fo great variety and names, by reafon of their being diftinguifhed by fome little accidental Differences, that it will be very difficult for the moft expert perfon to give a fufficient enumeration of them: and therefore I fhall in this place diftribute them onely according to their various Magnitudes, and the Vfes for which they are defigned: according to which they may be diftinguifhed into fuch as are denoted under the
(General name; belonging to the \|lejjer, or greater kind.
\{ I. SBOAT, Oars, Wherry, Scnller, Canoe, Cockboat, Waterman.
\(\left\{\begin{array}{l}\text { I. §SHIP, Pink, Pinnace, shallop, Sail, Veffel, Navy, Fleet, naval. } \\ \text { Particular kinds; }\end{array}\right.\)
Particular kinds; either
LLeffer for the Sea, or greater for Rivers.
2. SKETCH, Bark, Flyboat.
2. \(\left\{\begin{array}{c}\text { BAR GE, Lighter, Gallyfoijf, Brigandine, \&c. }\end{array}\right.\)

Greater; being moved either by
\{sails and Oars.
3. GALLY.

Sails onely; and ufed chiefly for
Burthen.
4. GALEOT, Caramofil, Carrack, Caravel. Iraffick and Merchandize.
5. MER CHANT-MAN, Bottom.

Fighting.
6. MAN OF WAR, Frigot, Caper, Armada, Prizatcer. Paffage.
.7. PACQUET-EOAT.
n. HCL L .
11. By HULL is meant the main Bulk or Body of the Ship, confidered abftractly from its Mafts and Rigging. The parts of which may be diftin-
Timbers.
fFixed at the (guifhed into fuch as relate to

Bottom of the Ship; lying either \|direct, or tranfierfe.
1. SKEEL.
- 2 RUNG

End; either the \|former, or binder part.
2. \(\{\) STEM, Prown.

Moveable upona Centre or Hindge; ||for lifting up the Anchor or any great weight : or for ftearing the Ship.
3. \(\left\{\begin{array}{l}\text { CAPSTAIN, } \\ \text { RUDDER, Helm, Steer. }\end{array}\right.\)
;Plates or rooms.; relating to the
\(\int \begin{gathered}\text { Former, or hinder part above. } \\ \text { FFORE }\end{gathered}\)
4. \(\left\{\begin{array}{l}\text { FORE-CASTLE. } \\ \text { ROUND.HOUIE. }\end{array}\right.\)

Middle fpace; |l betwist the iLRain-maft and Fore-caftle, or the rooms bxilt above this tomards the Steim.
s. \(\left\{\begin{array}{l}\text { WAST. } \\ \text { HALF-DECK. }\end{array}\right.\)
\(\underset{\sim}{9}\)
Apertures; in the
(Floor or Deck, fupplying the office of Doors and Windows ; \| greater, or lefer.
6. SHATCHES.
6. 2 SCUTTLE, Gratings.

Sides; \(\|\) for putting ows the Ordmance, or for paffage of itrater from the Deck;'
\{PORTHOLE.
7- ₹ SCUPPER.
Interftices; betwixt \|the edges of the planks, or the fide-timbers of the Ship. ;
8. \(\{\) SEAM.
8. 2 SPURKET.

Shape or figare of the Hull; with refpect to \|t the gathering or joyning together of the
planks upon the Ship's quarter wuder water, or fo mush of the Hwll as bangs cver both ends of the Keel; fiyled
9. \(\left\{\begin{array}{l}\text { RAKE OF POST, Tuck. } \\ \text { RAKE OF STEM }\end{array}\right.\)

1II. Pàrts of Veffels ferving chiefly for the PROGRESSIVE MOTION or Stay IM. Pasts Bois ing of them, may be diftinguifhed, by the matter of which they confift, into fach as are of rWood; according to the more
Gexeral sames; denoting fuch woody patts as are cither ON.
FFixed aind upright; or the upper parts of ibsefe, roinad and prominent.
\(\left\{\begin{array}{l}\text { MAST. } \\ \text { TOP, Bosl. }\end{array}\right.\)
〔Moveable and tranfverfe; appljed either to tbe || sop, or boitom of the Sail.
2. \{YARD.
\(\left\lfloor\right.\) Separate; \(\int\) erving for thrufting againft \(\|\) the whater, or the Earth.
3. \(\left\{\begin{array}{l}\text { OAR, rem } \\ \text { POLE. }\end{array}\right.\)

Particzlar kimds of Masts; (applicable likewife to Top, Yard, and Sails;) beinig placed either in the
(Fore-part; whether || Leaning, or aprighso
\(\left\{4^{\circ}\right.\) \{BOUL.SPRIT.
(Middle, or hinder-part.
SMAIN.MAST.
s. 2MIZZEN•MAST.

Clotb; ferving for the
[Caic bing and oppo fing the wind; either I| primoipalty, ot additionaily.
6t SSAIL, Courfe.
\{BONNET, Drabler.
Diffinction of Nations, or the feveral Offcers of a Navy; fet up either \|above, ofen the Mafts, or below, at the Sterio.
7. \(\left\{\begin{array}{l}\text { FLAG. } \\ \text { ANCIENT: }\end{array}\right.\)

Ormament and \(\beta\) bew, or ijfed to mark onf the wind's guarter:
8. \(\left\{\begin{array}{l}\text { STREAMER. } \\ \text { JACK. }\end{array}\right.\)

Irow; for \(\|\) ftaying and bolding the Ship, or the faftening of it te otber Ships.
9. \(\left\{\begin{array}{l}\text { ANCHOR, Kedger. } \\ \text { GRAPPLE }\end{array}\right.\)
Iv.riggine IV. By RIGGING is meant the feveral kinds of Cordage belonging to a Ship; in refpect of the
Mafts; ferving either for the
(Keeping ibem xpright; namely, \(\|\) that are more declive on either fide of
the Mafts: or thofe that are more tranfverfe.
\{ SHROUDS, Pixttocks.
1. \(\left\{\begin{array}{l}\text { STAYES }\end{array}\right.\)

Afrent up to them; thofe fmaller ropes which crof the shrouds as the 2. RATLINGS.
(rounds of a Ladder.
Tards; ferving for the
Sying of them: or the pulling of them to and fro.
\(\left\{3 .\left\{\begin{array}{l}\text { PARREL } \\ \text { JEARS. }\end{array}\right.\right.\)
Squaring or tranfyerfing : or making theme to baing bigher or lower:
4. \(\left\{\begin{array}{l}\text { BRACES } \\ \text { LIFTS }\end{array}\right.\)

Sails; Serving for the
Tying of them to the rards: or the pulling them to and fro. :
5. SROBINS.

Furling them acrofior to raife up the bunt or protiberant part of the Sail.
6. \(\{\) BRALE.
\{BUNT-LINE.
Making of them to ftand clefer by a wind; being faftued either to \(\|\) the clew or corner of the Sail: or the middle part of it.
7. \(\{\) TACKS.

Anchor; according to \(\|\) the more general name: or the wame belonging to
8. SCABLE. ¿HAWSER, Halfer.
F. NAVAL V.PERSONS belonging to the management of NAVAL Affairs, Mariner, oienfaring-mex, may be diftributed into fuch whofe Charge doth con[Defence of the Ship by fighting; either (cern the (More principal; the Chief, who in Fight is to make good the Half-
deck : or his Deputy, whofe place in Fight is the Fore caftle. SCAPTAIN.
そLIEUTENANT.
Lefsprincipal; baving the charge of the \||
(Squadrons for the Watch: or being to take care for the fetting and re-
lieving of the Watch, and that the Souldiers keep their Arms clean.
SQUARTER-MASTER.
¿CORPORAL
Ordnance, Shet, Powder,\&c.
3. GUNNER.
sailing of the ship, and the care of its parts and Lading; either
[ More principal; whofe chargeit is to

!Preferve the Rigging and Tackle and the Long-boat : or to attend the skif with a pecilliar gang to go to and fro apon occafion.
6. SBOATSWAIN.

COCKSWAIN.
Lefs principal; ferving to
KKep the Decks clean.
7. SWABBER.
<Manage the Sails below: : or to afcend for taking in the Top-failf, \&ca
8. SSAILERS, Mid.-jip.men, skipper.

そYONKERS, Fore-maft-men.
VI. NAVAL ACTIONS may be diftinguifhed into fuch as are done

V1. NAvác
TTo the ship; for the \(\triangle\) CTIONS:
[Securing of the Seams betwixt the Planks; either by \(\|\) beating in of okum, (i.) pieces of old Ropes or hards of Flax : or putting a lift of Canvas along the Seam, and then pouring hot Pitch upon it.
SCALKING.
I. \(\{\) PARSLING.
smeothing the outfide; by \| wafbing or burning off all the filth with REEDS or Broom; or fmearing over fo much of the ship as is to be in the water with a mixture of Tallow, Sope and Brimftone, boiled together, to preferve the Calking, and to make the Veffel more ilippery for paffage.
2. SBROMING, Breaining.
2. 2 GRAVING.

Defending it againft Worms; by \(\|\) cafing that part of the Hull moithin wa: ter with Tar and Hair, and then nailing over thin Boards: or inlarging the Breadth, by ripping off fome of the Planksjand then, having added other Timbers, to put on the Planks again, Ityled
SSHEATHING.
3. \{FLIRRING.

Varying the Pofition of a Ship; either \|for the mending of it, by making it to lie on one fide, the better to come at its lower parts: or
for the motion of it, by fo ordering the Lading and Rigging that it may be in the beft condition for failing.
SCAREENING.
4. KTRIMMING.

By the sbip; either
SRefting; moben'tis ||ftaid by the Anchor: or laid leaning to one fide.
5. \(\left\{\begin{array}{l}\text { RIDING AT ANCHOR. } \\ \text { HULLING }\end{array}\right.\)
5. §HULLING.

In motion; either more
(Direlt; when it \|goes as it fhould ior runs its bead in the wied more 6. SKEEPING A.WIND. (or lefs then it fsould. SGRIPING. \{FALLING TO THE LEEWARD.
Lateral; when it || doth lean too mush on one fide:or doth turn too much 7. \(\left\{\begin{array}{l}\text { HEELING, reling. }\end{array}\right.\)
(on each fide.

\section*{ECCLESIASTICAL RELATION'.}
8. V. T Nder this Head of ECCLESIASTICAL RELATION (clergy, spiritual, charch, ) are comprehended the feveral Notions and relpects belonging to a Church-Itate. By church is meant a Scciety of men as agreeing in the famekind of inward apprehenfions of, and external demeanour towards, the Divine Nature : to which may be oppofed the word TEMPORAL, Civil, Hwmane, Secilar, Lay, Propkane.

Notions of this kind, may be diftinguifhed into fuch as do denote [KINDS OF RELIGION. I.
Perfons; in regard of their
SECCLESIASTICAL CALLINGS. II. \{sTATES OF RELIGION. III.
Adions; belonging to \(\begin{cases}\text { SWORSHIP. } & \text { IV. } \\ \text { DISCIPLINE. } & \text { V. } \\ \text { INSTITUTIONS. } & \text { VI. }\end{cases}\)
I. That habit of reverence towards the Divine nature, whereby we
I. RELIGION.
re inabled and inclined to ferve and worfhip him after fuch a manner as we conceive moft acceptable to him, is called RELIGION, Piety, Godlinefs. The Privation of which is ftyled ATHEISM, Irreligion, Impiety.

Asem are diftinguifhed by their kinds of Religion into fuch as
Are mbolly mithout any revelation of the true God and his Worfhip; but that knowoledge which they bave is either
Simple, from the dictates of mere Reafon.
1. NATURAL RELIGION.

Ahixed, and corrupred with the worfhip of falfe gods.
2, PAGANISM, Heathenifm, Ethnic, Infidel, Gentil, Painim.
Have revelations: or pretend to them; whether by
(M10fes, in which they reft.
Chrif JUDAISM Fudaical, Fewo.
Cbriff and his Apoftles, added to Mofes.
4 CHRISTIANITY.
Mabomet, fuperadded to the reft.
5. MAHOMETISM, Turcijm.
Chap.XI. Ecclefiaffical Relation. 285
II. Thofe who apply themfelves to the bufinefles of Religion as their in. xccleparticular Calling, may be ftiled ECCLESIASTICAL PERSONS, cler- SASTICAL gy, Churchman, Spiritnal, Hierarchy.

To which may be oppofed, TEMPORAL, Lay \(\cdot i\), civil, fecilar, prophane.

Thefe may be diftinguifhed into fúch as are
[Injoyned; being fet apart to fome peculiar function in the Church, and by way of office devoted to affift in the duties of Religion, whether fuch as were in ule
[Before the Law ; being \the chief Adminiftrators of religious Services, es Mafters of Families : or fuch others as then and fince were extraordinarily called and gifted to foretell future things.
1. \(\left\{\begin{array}{l}\text { PATRIARCH. } \\ \text { PROPHET }\end{array}\right.\)
¿PROPHET-ical, divine, prophefie, foretell, prefage, prognofticate; Prediction, Seer, sibyl.
Under the Law ; || appointed for the principal morks of divine Service: or fuch as were fubordinate and affiftant to them.
SPRIEST.
- そLEVITE-ical.

Under the Gofpol; being either
Temporary; \(\|\) who were firft indued with the power of Miracles, of whom there were onely twelve : or fuch others as thefe took in for their help,to travel up and down for the 乃preading of Chrifianity. SAPOSTLES-ical.
3. \{EVANGELISTS -ical, Gopel.

Permanent, and to be continued; whether
[Moreprincipal; denoting the cbief Ecclefiafical Officer \(\|\) of a Province, with feveral Cities: or fonse particular City and the Territory adjoyning.
(vince.
\(\left\{4 .\left\{\begin{array}{l}\text { PRIMATE, Arch bifhop, Metropolitan, Mufty, Patriarch, Pro } \\ \text { BISHOP, Prelate, }\end{array}\right.\right.\)
BISHOP, Prelate, Ordinary, Epicopal -acy, Suffragan,Saperin-
tendent, Pontificial, Dioceß,See, Cathedral, Mitre, Crofjer, Hierarchy.
Le \(e\) principal; fuch as are \|the chief officers of particular Parificburches: or otbers fubordinate and alfitant to ibefe.
SPRESBYTER, Prieft, Elder, Alinifter, Incumbent, Curate; 5. \(\left\{\begin{array}{l}\text { Cbaplain, Parfon. }\end{array}\right.\) (DEACON, Minifter.
Not injoyned; but voluntary, to be further diftinguilhed, according to the
[General nasue; denoting thofe that are under a vow of Poverty, Coslibate, and obedience to theirSuperiours, to whom may be adjoyned for affinity, fuch others as oblige themfelves to certain offices with them.
6. \(\{\) REGULAR, Religions Perfon, order, rule.
§PENITENTS, Confraternity, Convert.
Particular kinds; fuch as live either || together in Society : or alone by themielves.
MONK, Fxier-ry,Nonn-ery, Novice, Abbot,Abbeß, Abby, Prior-ry,General, Provincial, Gardian, Monaftic, MonaStery, Adinfter, Cloifter, Covent, society, Cowole, Fatber.
(HERMIT, Anckorite, Cell, Recluff.
III. Perfons
III. STATFS III. Perfons confidered according to their feveral STATES and OF RELIGI- Conditions in refpect OF RELIGION, may be diftinguifhed eitherby ON. their
[Faith and \(\mathcal{F}\) udgments; whether \(\|\) true, or falfe, as to the efentialpoints of Religion.
1. \(\left\{\begin{array}{l}\text { ORTHODOX, Believer. } \\ \text { HERETIC }\end{array}\right.\)

Charity to and communion woith the body of thofe that agreee in the fame Profeflion: or being the faulty caufe of the breach of fuch Communion.
CATHOLIC, Communicant, Communion, son of the Cburch.
2SCHISMATIC, Schijm-atical, SeCl. ary, Recufant, Separate.
Suffering upon the account of Religion; being either
\(\varsigma\) Great, but not unto Death.
3. CONFESSOR.

Great unito Death. To which may be oppofed the inflicter of Jufferings upon account of Religion.
SMARTYR - dom.
4. \{PERSEQUUTOR:

Emincnt degrees of \(\|\) Religioufneß: or Irreligioufnefs.
5. SSAINT, Hero-ical, canonize.
5. 2 SCANDAL ous, profligate, offence.

Former Jtate, in refpect of the feveral terms from which and to which men are changed; either \|from bad to good: or from g.ood to bad.
6. SCONVERT, Profelyte, regenerate, reclaim, turn, come over.
6. APOSTATE, Back-Rider, Renegado, Defedtion, revolt, draso back, turn, forfake, fall away, relapfe, Fugit ive, Tergiverfation.
IV. WORsHIP.
IV. That invoarsl and outtoard reverence whereby we acknowledge the Efteem due to the Superiority and Excellency of another, together with the two extremes of this, viz. Redusdant, when men give this to fuch things as they ought not for the Matter, or in fuch a degree as they ought not for the Meafure; and Deficient, when men do either contemn ar neglect facred things and duties, are ftyled
(WORSHIP, Adoration, Veneration, Devotion, devout, Liturgy, Divine \(\{\) Service, Mattins, Veßpers, Even-fong.
\{ SUPERSTITION, Bigot.
2PROPHANENESS, Impiety, impious, ungodly.
The more fpecial alts of worfhip may be diftinguihed into fuch as are more
\begin{tabular}{|c|c|c|}
\hline \multicolumn{3}{|l|}{\multirow[b]{4}{*}{\begin{tabular}{l}
[Apply our felves to God; whether more \\
[Ceneral; whereby we \|addrefs to bim for relief in fears, upon the belief of his infinite Goodnefs making folemin and religious promifes to him. \\
SPRAYER, Invecation, Collect, Orizon, Orato \\
I. \(\left\{\begin{array}{c}\text { call upon. } \\ \text { VOW, }\end{array}\right.\)
\end{tabular}}} \\
\hline & & \\
\hline & & \\
\hline & & \\
\hline
\end{tabular}
tspecial; whereby we do either II
Acknowledge onr onn faults and defrits: or intreat his favour and belp.
§CONFESSION, acknoodedge, sbreeve.
PETITION, Jupplicate, Jue, beg, Litany, crave, requeft, supplyant, Bedes-man, Boon.
Return our acknowledgements to him for the good things we enjoj; either ||verore general: or by Singing.
3. \(\{\) THANKSGIVING, praife, magnife, extol, Grace.
3. 〔PSALM, Hymn, Anthem.
(Infruct others publicly, or excite them to religious duties; either \(\|\) in a more continued jolemn Difourfe: or by the asking and anjwering of 2nefions in the plaineft manner about the molt neceflary points of Keligion.
4. \{PREACHING, Homily, Sermoin, Poffit, Pulpit. ZCATECHISING, Catechifm.
IOccafonal; relating unto
Solemnities of || joy: or fadnefs.
5. \(\left\{\begin{array}{l}\text { FESTIVITY, Fefival, Holy-day, High day, Sabbath, Fubilee, }\end{array}\right.\) Wake, genial, good time.
(FASTING, Humiliation, Ember-week, Lent, Vigill, Eve.
Ritual Offices obferved amongft Chriftians ; pertainisg to
Entrance into the fate of Wedlock: or dijolving of that fiate.
6. \(\left\{\begin{array}{c}\text { MARRIAGE, Wedd-ing, Matrimony, nuptial, Bride groom, } \\ \text { Hymen. }\end{array}\right.\) Divorce.
Return into the Congregation after Parturition. 7. CHURCHING.

Aanual taking ipon themflives the obligation made by their Sponjors in baptijm.
8: CONFIRMATION.
Performing the Rites due to the Dead by putting their bodies \(\|\) into the gronsd : or ander fome Monument, to preferve the memorial of them. BULR YING, interr, Grave, Funeral, obit, obfequies, Herfe, Se1. \(\begin{aligned} & \text { pulture, Church-yard, charnel-boufe. } \\ & \text { ENTO }\end{aligned}\) ENTOMBING, Tomb, Sepulcbre, Monument, Epitaph.

\author{
V. Actions
}
\#i. DISCl- V. Actions relating to Ecclefialtical Authority or DISCIPLINE, do PIINE: concern the due ordering of the circumftances of Ecclefiaftical or Sacred things to the beft convenience. The Notions belonging to this Head, do refer either to the work of,
S Setting things afide to a peculiar ufe; according to the
[More geweral Notion belonging to Things, and Times, and Places, as well as Perfons; namely; the \(\|\) Separating of them from common \(u f e\) : or abufing them as being but common.
ufe: or abying them as being but common.
CONSECRATION, facred, fanthifle, hallew, "devote, dedicate, Holineß.
PROPHANATION, unballowed, impiows, common, Luffration. More particular kind, appropriated to Perfons.
2. \(\left\{\begin{array}{l}\text { ORDINATION, Confecration, } \\ \text { DEPRIVATION, }\end{array}\right.\)

Regulating of abufes in Ecclefiaftical matters; according to the more SGeneral name.
3. CENSURE.

Particular kinds; confifting in a
\(\{\) Temporary privation of Cburchapriviledges.
4. SUSPENSION.
(Permanent, being the higheft Ecclefiaftical punifhment; by a \|i cutting off frows all church-communion and privileges: or the reforing one So cut off.
5. \(\{\) EXCOMMUNICATION, Ariathema, curfe, cut off, Separate.
5. \{ABSOLVT ION,loofing, dif charge, a/Joile,purge,clear. pardon, acquit.
VI. INSTI-

TUTIONS.
VI. By INSTITUTIONS or Ordinances are properly meant fuch kinds of things or duties as we could not have known or been obliged unto without particular Revelation. Thefe may be diftinguifhed into [Rules for our Inftruction in Religion; which, according to the feveral manners of conveyance, were either \(\|\) proritten: or unwritten.
SSCRIPTURE, Bible, Word of God, Holy Writ, Text, Tefta-
1. \(\left\{\begin{array}{r}\text { ment. }\end{array}\right.\)

TRADITION, Delivery, Cabala.
services to be done; according to the more
S General name; confifting in our offering or giving things msito Cod. 2. OBLATION, Offering, offertory.

Farticular kind, proper to the times under the Lawo; which required the offering of Juch things by Fire as were either \|for Food: or for Perfume.
3. SSACRIFICE, Vidfim, Holocauf, Hof, Oblation, Hecatombe.
3. \{INCENSE, Cenfor.

Certain external figns and means for the fignifying and conveying of ithternal Jiritual Grace; according to the more
SGeneral name.
4. SACRAMENT -al.

Particular kinds.
(Under the Lato; for the \|initiating: or confirming men in that Religion.
§CIR CUMCISION, cutting off the fore-skix.
5. \{ PASSOVER. Pafchal, Eafter.

Under the Gofpel; whether for \(\|\) initiating : or confirming.
6. \(\left\{\begin{array}{l}\text { BAPTIsM, clirijfen, Font, Padobaptijms }\end{array}\right.\)
\(\left\{\begin{array}{l}\text { EUCHARIST, Communion, the Lerd's Supper, The Sacratisent; }\end{array}\right.\) Hoft, Mafs, Mifal. (HAP:
Chap. XII. Fore-going Table. 289

\section*{CHAP. XII.}
1. Ageneral Explication of the defign of the foregoing Tables. II. Particular Inftances in the fix principal beads of it. III. Some things to be zoted concerning Oppofites and Synonyma. IV. An enumeration of what kinds of things are not to be particularly provided for in fuch tables.

T\({ }^{1}\) He principal defign aimed at in thefe Tables, is to give a fufficient enumeration of all fuch things and notions, as are to have names afligned to them, and withall fo to contrive thefe as to their order, that the place of every thing may contribute to a defcription of the nature of it. Denoting both the General and the Particular bead under which it is placed; and the Common difference whereby it is diftinguihhed from other things of the fame kind.

It would indeed be much more convenient and advantageous, if thefe Tables could be fo contrived, that every difference amongit the Predicaments might have a tranicendental denomination, and not depend at all upon a numerical inftitution. But I much doubt, whether that Theory of things already received, will admit of it; nor doth Language afford convenient terms, by which to exprefs feveral differences.

It were likewife defirable to a perfect definition of each species, that the immediate form which gives the particular effence to every thing might be expreffed; but this form being a thing which men do not know, it cannot be expected that it . Thould be defcribed. And therefore in the ftead of it, there is reafon why men fliould be content with fuch a defcription by properties and circumftances, as may be fufficient to determine the primary fenfe of the thing defined.

Of thefe defrriptions I fhall here give an inftance under each of the fix Principal Heads.

The word Goodnefs is a tranfeendental, one of the General differences of things, or affections of entity, implying a refpect to fomething without it felf, namely, to the Will, by agreement to which things are rendered lovely and defirable, as by their difagreement they are rendered hateful and avoidable, which is the oppofite notion of Evil.

The word Diamond doth by its place in the Tables appeat to be a suisSubftance, a Stone, a pretious Stone, tranfparent, colourlefs, moft hard stancr.' and bright.

The word Flower or bloffom is one of the peculiar parts,belonging to Plants, an annual part, more principal, antecedent to the feed,confiderable for its beauty and colour.

The words Nemnefs and oldnefs do fignifie notions belonging to Quan- Quantiriv: tity, to face, to time, and more particularly to time paft, according to the degrees of lefs or greater, as the next pair, foomnefs and latenefs, doth relate to time future, according to the fame degrees of Lefs or Oreater.

The word Aloderation is a Quality, a Habit, an Affection of intel-
(8. 1.1
1. III
trans. CENDEN: TAL.
le ctual vistue, whereby we are concerned for any truth according toi due meafure, not more or lefs then the evidence ard importance of it doth require, to which the notion of fiercencsor fanaticalno \(\beta\) s is oppofed as the deficient extreme.
ACTION.
The word Pitty, doth by its place denote an Action, fpiritual, of the foul in refpect of the Appetite, whofe actions are commonly ftiled Affections or Paffions: 'T is a mixed Paffien, confining of Grief and Love, occafioned by fome evil, which (as we think) doth unworthily befall others. As Emvy doth of Grief and Hate upon account of fome good befalling others (as we think) unworthily.
rilation. The word Parent by the place of it in the Tables, doth denote the thing thereby fignified, to be a Relation, Oeconomical, of Confanguinity, direct afcending; as Cbild is direct defcending.

And thus is it with all thofe other particulars, which are placed either directly or collaterally, either by way of oppofition or of Affinity.

TRAN-
SCENDEN.
TALS.

Only 'tis here to be noted.
1. That fome of thofe which are placed as oppofites, do net alwayes fall out to be under the fame Predicament or Genus with thofe things to which they are adjoyned; as it mult be in fuch things as are privativels oppofed, as B!indnefs, Deafneff, Darknefs, \&cc. And lo likewife for fome of thofe Species which are put in for their affinity, as Point, Center, Pole, and fuch other things as are not directly, but redudively only under any predicament.
2. That fome Radixes, befides the reduindant and cleficient extremes, have likewife an Oppofite common; fo to the word 7uftice, there is oppofed an Oppofite common, Injuftice, befides the excels Rigor, and the defeat Remiffion. So to Veracity, the Oppofite common is I jing; which may be either by way of Excefs, over-faying, boafting, flattering: or of Defect, under-faging, detraltion. So to Lquaity, the Oppofite commow is Inequality, imparity, difparity; the excefs of which is superiority, and the detect Inferiority: This is natural to all Radixes that have double Oppofites, though inftituted Languages have not provided words to exprefs it.
3. Many of the Synonymous words put to the Radixes, are referred to more he ads then one, upon account of their various equivocal acceptions. And befides fuch words or phrafes as are more plainly Synonymous, there is likewife an addition of luch other, as are either more insmediate derivations, whether Adjectives,Verbs,Adverbs: or more mediate, being by compofition to be made off from thofe Radixes to which they are adjoyned: Of which I hall give an inftance or two, under each of the fix general Heads.
In the Table of Tranicendentals, \({ }^{\text {'T. III. 2. the Radical is GCOD }}\) NES:, to which thefe other words are adjoyned, Weal, melfare, right, resular, well, rcllijie, better, beft. Amongit which, the wordsweal, relfare, are mentioned as synonoma, denoting fuch a ftate of being as is defirable, and are fuppofed to be Subftantives Neuter. Well-doing or Good action, is the Subftan. Act. The words Good, right, regular, are the Pofrive adjectives from the root, Better, beft, are the Comparative and Superiative adjectives. Well, right, \&c. are the Adverbs. Recifie is gocd make, and to be expreffed by compofition withithe Tranfeendental particle of canfe.

So for the Ofrofite to this, EVIINESS to uhich the fe words aread-
joyried,

\section*{Chap. XII.}
joyned, Ill, bad, waught, wrong, amifs. Shrewd; jcurvy, lewd, borrid, borrible; corrupt, pravity, deprave, fin, fanlt, trefpafs, trangrefs.ion, Peccadillo, worfe. Amonglt which, the words Badnefs,pravity, are Synonymous to the Radicals; and fuppofed to be Subftantiyes newter. The words sin, fault; trefiafs, trangreffion, will be Subitan, Att., which being compounded with the Tranfcendental Particle, Diminutive or Angmentative, will denote a Pecsadillo or fmall fault; or an Enormity or heinous crime. The words Evil, ill, bad, naught, norong,corrupt, are Adjectives of this root, and being compounded with the Tranfcendental Particle of Augmentative, will be of the fame importance with thofe other words, sbrexpd, carvy, lewd, borrid, berrible, \&c. The words Ill, anijf, wirong, badl'j, naigh btily, are the Adverbs. The words denoting to fin, treppafs,traingrefs, are the Verb: Act, which being compounded with the Tranfendental Particle of Caute, will fignifie Corrupt, deprave.

So in the Tables of subftance, Be. II. I. the Radical is KINE, fignify- susing the Bovinume genws; the other words reduced to it are, Bull, Com, ox, sTANCE: Calf, Heifer, Bullock, Steer, Beef, Veal, Rnnt, Bellow, Low, Heard, Cowbeard, Some of which are to be made off from this root by compofitions with the Tranfcendental Particles.


The reft are to be made off by other Compofitions: So \(O \dot{x}\) is untefticled or gelt Bull; Beef, Veal, is the flefh of Kine or Calf.

Be. II. 2 The Radical is SHEEP; to which are adjoyned the words, Rame, Yem, Lamb, Weatber, Mutton, Bleat, Fold, Flock, sbepheard. Each of which words ate to be made off from this radical, by fome kind of compofitions.
\begin{tabular}{|c|c|c|c|}
\hline . & Male. & & RRam. \\
\hline & Female & & Yew. \\
\hline The word Sheep being & Young. & will & Lamb. \\
\hline compounded with the & Voice. & figni- & Bleating. \\
\hline Tranfend. Particle of & Sepiment. & fie & Fold, Shieepfold \\
\hline & Aggregate. & & Flock. \\
\hline & Officer. & & Shepheard. \\
\hline
\end{tabular}

Gelt Ram is Wreather, Fleh of Sheep is Mutton.
Mag. 111. A. the Radical is FIGURE, to which thefe other words puivtrix. are annexed, viz. Shape, Feature, Fa/hion, Forme, Frame, Scheme, Lineaiment, the make, well fet or proportioned, transforin, transfigure, deface; disfigure. Amongft which the former words, Shape, Featwre, Fajfion, Form, Frame;. Scheme, Litreament,the make, are, according to one of thofe fenfes wherein each of them is commonly ufed, the more mediate Synomyma, the reft are to be made off by compofition, either with
STranfcendental particles of the Perfective, ipell-fet or proportioned. §word change,transform, iransfigure; Corruptive, defaced, disfigured.

Sp. I. I. The Radical is PRESENT, to which is adjoyned, at this timis; tomimisediately, inftantly: current, reidy. The more immediate synonyP \(\mathbf{P}^{2}\)
wa are, Tbis time or inflapt. The words Current, ready, are Adjectives: Now, immediately, inflamtly, are the Adverbs of this root.

One of the Oppolites to this Radical, is PAST, or timepaft; to which thefe other words are put, Expired, former, foregone, ago, already, even now; beretofore gone, ever, out, a-late, erepphile, long fince, which are thus to be made off The words Expired, former, forcgone, over, out, are the Adje\(\mathbb{Z}\) ives of this root. The words already, beretofore, out, are the Adverbs, which being compounded with the Tranfcendental Particle.

SAugment. \(\}\) will lig- \(\left\{\begin{array}{l}\text { A great wobile ago, long fince. }\end{array}\right.\)
\{Dimin. \} nifie. \{Even now,id-lato, erewbile, a little mbile ago.
The other Oppofite is FUTURE, to which thefe words are adjoyned, Time to come, after time, bereafter, prefently, anon, by and by, fiertly, firaitmay, ere lowig, benceforth, proceSof time, after a long while. Amongft which thefe words or phrafes, Time to come, after time, procefs of time, are Synonymious fubftantives, Hereafter, bencefortb,are Adverbs, which being compounded with the Tranfcendental Particle of SAugment. 2 will lig-SAfter 4 loug while. ¿Diminut. \} nifie \{Prefently,by asd by,anom, fortly, firaitway, ere long.

Sp. II. 3. is the Radical NEARNESS, to which thele other words are added, Wicinitf;'Prapinquity, Proximity, nigh, next, clofe, adjacent, adjoyn, weigbbouring, imminent, imp endent, immediate, ready at band, accof, draso on, approacb,at,by,bard by,befide,bitbermoff. Among@ which, the words Vicinity, Propinquity, Proximity, are Synonymous fubftantives. Nigh, clofe, adjacent, adjoyming, weighbouring, imminent, impendent, impediate, next, bithermoft, are Adjectives, By, bard by, at, at band, befides, are Adverbs, Approach, accoff, draw weer or on, are Verbs,

So for the Oppofite to this, R EMOTENESS, to which are adjoyned the words, farr, farther, aloof, wide of,diftant, utmoff, wlitimate, great wojo off: Amongft which the wonds; far, fartber, diftant, wimoft, ultimate, are Ade. jectives Aloof, wide of, a great pouy off: are Adverbs.
Quality. NP. II, 3. the radical word is MEMORY, to which thefe other words are adjoyned, Recollect, recal, commeniorate, remember, call or come ta mind, put in mind, fuggeft, record, recount, con over, getting by beart, by rote, zoithout book, at ones. fingers ends, memarable, Memorial, Memorandums mindful. Amongtt which the words, Remember, commemarate, recard, re count, are Verbs, which being compounded with the Tranfc. Particle
S Caufe, will fignifie Suggeff, put in mind, or canfe so remember.
Endea- 2 will Iig- SFor the prefent, Recal, recolleat, call to mind.
vour. \}nifie. ZFor the future, caw ever, get by beart, by rate, \&ec. Mindful is an Adjed. Neut. Messorable is an Adj. PalS, Abitr. Mempren. dinw, Mermorial; is to be compounded with the Tranfeend. Part. Sign,de nating: Sign for remembrance.

NP. V. 9. the Radical is SWIFTNESS, to which thefe other words ane ad joyned, Fleetwef, Celerity, Speed, faft, apace,quick, fudder, rápid, bwrny, accelerate, baften, cwrfory, bye, expedite, rum, foud, mobish, poft. Amongt which the words, Fleetmefs, Celerity, speed, are Synonymous fubft. Quick, fudden, faft, rapid, expedite, carfory, are Adj. Lpace,quickly -cr, are Adverbs, Hye, baffers, rmn poff, burry, fond, mbisk, are Verbs. Accelerate, expedite, as alfo baflen, burry, when they denote a Tranfitive cfficiency, are to be exprelied by compofition with the Tranfc. Particle of Caufe or make.

So for the Oppofite to this, SLOWNESS; to which are adjoyned
Chap.XII. Fore-going Table. 293
the words, Heavineff, flackneff; dull lugg, tardy, leafurely, foftly, dilatory, retard, foreflow, delay, Lob, Lubber," \(\$\), Lurdan, torpid, wimpield'y, gingerly. The words, slacknefs, beavinefs, areSynonymous fubftantives. Dull, juga, gifh,tardy, lumpilh,torpid,unmieldy, dilatory, are the Adjectives of this root; which being compounded with the Tranfe. partic. of Perfon, will be of the fame fignification with thofe other words, slingg, Lob, Lubber, Lurdän.

The words, Slawh, Leafnrely; Sofily, gingarly, are the Adverbs of this Radical. Retard, foreflain, dehiy, are the Verbs.

So Man:I. O. the Radical word is VICE; to which thefe other words are reduced, sin, Crime, Difoomefty, Improbily, Treffafs, Tranfyreffion, Fanlt, Failing, Infirmity, overfight, turpitude, nnrighteows, unjuft, vile, baff; loafe, evil, ill, bad, naugbt, corrupt, venial, wicked, beinows, debaucht, lewd, lawplefs, licentious, form, flagitions, enormoms, Profligate, Mificreant, Ruffian, Caitiff, Villain, Rakebell, Libertine, defile, pollute, which are thus to be made off from this root.
The words
Sin, Diflonefty, Improbity, are Sublt. N.
Trefpafs,Tranggrefion, are Subftant. Ad, which Subftantives Being com:
paunded with the Tranfcendental Particle.
\{Augment \(\left\{\begin{array}{l}\text { will } 1 \mathrm{ig} \text { - }\{\text { Crime, Enormity, Turpitide. }\end{array}\right.\)
\{Dim \{nifie \{Failt, Infirmity; Failing, Dverfight.
Evill, ill, bad, naught, corrupt, vicious, unrightions, unjuft, are the Ad: ject. Neut. which being compounded with the Tranfeend. Particle, Augment, will be of the fame importance with thofe other words, Bafe, Foul, Lewd, Filtiby, debauched, flagitions, Enormions, profligate, beimoxs, mortall. If it be compounded with the Tranfeendental Particle Dim. it will fignifie Veniala If with the Tranfe: Partic. for Perfon, it fignifies, Rufian, Villain, Rake-bell, Libertine, Mijcreant, Gaitiffe. corrupt, defile, pollute, debaucb, are the Verb compounded with the Tranfcendental Particle of Cauff, or Make.
In the Tables of A\&tion. AS. V. 4. O. The Radical is GRIEF; to Acrion which are adjoyned the words, sadnefs, soprows, Melancholy, Heavimefs, dolefill, deplorable, difconfolate,bitter, penfive, dejeetied,tragical, ruffill, amort, moan, bemoan, wail, bewail, lament, dump, caft down, vex, tronble, Cutt, take on, mobimper, pule, wooe, agony, anguifh, mourn, cry, take beavily. Which are thus to be made off from the Root.
\(\{\) Sadnefs, forroin, Heabinefs, Melancboly, Trouble, are Synonymous Sublt: which being compounded with the Tranfc. Particle Augmentative, will exprefs thofe other words, Anguifo, moe, Agony.
Penfive, fad, Heavy, Melancholy, forrowofull, dejedted, dijconfolate, caft down gare Adjectives; which being compounded as the former, will
be of the fame importance with thofe other words, Dolefull, rufult, bitter, tragical:
Deplor able, dolefu4, may be the Adject. P. Abft.
Moan, bemoan, mail, bewoil, lament, suowrm, cry, plaiz, are the Verb of this Root, which in Iome Acceptions is to be compounded with the Tranfeendental Particle of Sign.
Take on, take beavily, Z Verbs to be compounded withSAugment. mohimper, pule, mobine, \(\}\) the Tranfcendental Particle ©Dimin. Vex, Cut, caft down, are Verbs Active.
Dump, all amort, so be compounded with the Tranfc. Partic. Impetus:

AC. I. 7. O. The Radical is DYING; to which thefe other words are adjoyned, Death, deadly, mortall. fat ic ye,deceafe, depart.expire.give up the ghoft, defunct, kill, Say, mortijie, dijpatch, flaughter, mortality, Capital; which are thus to be made off.

Death is Subft. N. Mortality is Subft. N. Ablt. Slaugbter is the Subft. compounded with the Particle Caufe.
Dead, defunct, is Adj N. Deadly,fatall, mortall, capital, is Adj.A. Abft,
Dye, deceafe, depart, expire, give up the Ghoft, is the Verb; which being compounded with the Tranfeendental Particle Caufe or make, will fignifie to Kill, Jay, dijpatch, mortifie.
AC. III. 1. The Radical is SPEAKING; to which thefe words are adjoyned, Talke,wtter -ance,mention, Elocution, pronounce, exprefs, deliver, ProLation, spokesman, effable, voluble,fluent fay, tell, mutter, mumble, jabber, jargon,Vein, Grammar, Rbetoric,Oratory, Eloquence, Prolocutor, nuncupative, by spord of mouth.

Talking, Telling, Saying, Exprefing, Delivering, Mektioning, are Subftant. Synonymous to the Radical; which being compounded with the Tranfc. Particle of Manser, will denote the fenfe of thofe other words which denote a refpect to the mode of fpeaking, viz. Elocution, Pronunciation, Vtterance, Vien: And being compeunded with the Particle Officer, it fignifies, Proloquutor. If with the Particle. Art, it thay denote the feveral Acts of feaking. So the Art of fpeaking congruoully is Graminari; ornately is Rbetoric, Eloquence; Perfwadingly is Oratory, Elognezce. If with the Particle Corruptive, it may fignifie, Misttering, Mikmblimg, Fabber, Jargon. The words Fluency, Volubility, aro the Subit. Abft. Act. with the Particle Perfective. Nuncupative -ly, by woord of mouth, are the Adj. and Adv. of this root. Talk,tell, fay, utter, are the Verbs. spokesman, is the pro, or inftead, fpeaking perfon.

AC. III. 7. The Radical is WRITING; to which thefe other words are annexed, Penning, Drawing, Engroffing, Hand, Manufcript, fubfcribe. fuperfcribe, infiribe, tranfcribe, poffcript, interline, indorfe, fcrawle, fcrible, Penman,Scribe, Scrivener, Secretary, Clerk, Note,Ticket, Docket, Sbortband, Tacbygraphy, Brachygraphy, Cryptography, fet ones band, fet down, take ot put in reriting, enter into book.

Which words are thus to be made off from this root. The words Pemning, drawing, and the Phrafes, fet ones hand, take or put in woritiug, enter inco book, are the more immediate Synonyma of the Radical. Hand, Mhnufcript, draught, are the Subftantive Pallive.


In the Tables of Relation. RO. I. 2. The Radical is PARENT; to ReiAtion: which are adjoyned the words Sire, Fatber, Mother,Dimm, paternal, maternal, Grandfire, \&c. Orphan, which are thus to be exprefled, Sire, Father
Mother, Damm \}are Parent \{Female
Paternal, Maternal, are the Adjectives of Father, Mother; Grandfire is Fathers Father, or fecond Father; Orpban is un-parented.

So for the Oppofite Radical CHILD; to which thefe other words are ad joyned, Ifike, Son, Daughter, Bröod, Litter, filial, adopt, pofibume, which arethus to be expreffed.
\(\left\{\begin{array}{l}\text { Ifine, Brood, Litter } \\
\text { son } \\
\text { Daughter } \\
\text { Adopt }\end{array}\right\}\)\begin{tabular}{l} 
By compoficion with the \\
Tranfcendental Partic.
\end{tabular} \begin{tabular}{l} 
Kind \\
Male \\
Female \\
Caufe
\end{tabular}

Filial is the Adj. Pofthame is a Child born after the Parents Death.
RC. I. 2. The Radical is KING; to which thefe words are adjoyned; Soveraign, Emperor, Imperial, Monarch, Queen, regall, royal-ty, Majefty; Reign,Kingdom Lord, Dynafty. Sultan, Cham, Liege Lord, Regent, Realm, Diadem, Crown, Coronation, Scepter, Throne, intbrone, Viceroy.

Which are thus to be made off. The Radical being a Subftantive of the Perfon, thefe other words muft be Synonymous to it, viz. Soveraign, Monarch, Emperor, Lord, LiegeaLord, Sultan, Cham, Regent. The word Emperor being fometimes ufed for fuch a one as hath octier Kings under his Dominion, may according to this notion of it, be expreffed by compofition, with the Tranfc. Particle of Augmentative. Queen by the Par: ticle Fom. Majefty, Royalty, are Subft. Abft. Regal, royal, soveraign, Imsperial, are the Adject. N. Realm, Kingdom, are the Adj. Paff, with the Particle, Thing. The Reign is the Subft. Act. To Reign is the Verb. Viccroy, Regent, is Adj Act. with Tranf. Part. Perfon and the Prepofition Pro, or inflead. Cromon, Diadem, is Head-Signof Majefty. Scepter is StaffSign of Majefty. Tbrone is Royal Seat. Coronation, intbroning, is folemnity of King-making, or King-declaring.

By thefe Inftances, it tiay appear, what courfe is to be taken, with that great variey of Words, adjoyned to other Radicals.

The things and notions provided for in thefe Tables, are fuch oụly as are of a more fimple nature; others that are of a more mixed and complicated fignification, are to be expreffed peripfiraftically, as may be feen in the Dictionary. Such words only, are abfolutely neceflary for fuch a defign, as are purely fimple; which if they could be acurately diftinguifhed, would be much fewer then thofe here enumerated; But for the preventing of frequent and large periphrafes; it may be convenient to take in fome others that are not purely fimple.

There are fome kinds of things that are not capable of being provided for in a Character and Language, propofed for Univerfal ufe, as namely all fuch as are appropiated to particular Places or Times.
I. Such as are peculiar to fome particular place or Nation, As
1. Titles of Honour, Dake, Marquefs, Earl, Vifcount, Baron, Baronet, Knight, Efquire, \&c. Which are to be expreffed by the feveral degrees which they belong to in the Nobilitas Major, or Minor.
2. Titles of Office and Phice, as Sheriff, Maior, Bayliff, \&c. Maftet;

Warden, Prefident, Provoft, Principal, Rector, \& \(c\). which are all to be expreffed by the common notion of Prefecture.
3. Degrees in Pröfefions, Doctor, Mafter, Bachelour, Serjeant at Law, Barrifter, \&cc.
4. Larp Terms of Tenures, Writ, \&c. Copyhold, Freehold, Knightsfervice, \&c. Habeas corpas, mifi prius, Defeafance, Certiorari, Replevin, fuperfedeas, Subpana, \&c.
5. To which may be added the feveral terms of Heraldry, as Fefs, Chevron, \&c. which are not common to all Nations.
iil. Such as are continually altering, according to feveral ages and times, As
1. Lefts and Garments, to which there are every day new names affigned, according as feveral fafhions do arife.
2. Kinds of Stuffs, as Baif, Flannel, Serge, Kerfey, Grograin, Tammy, Tabby, Sattin, Plufh, Velvet, Tiffany, Lawn, Doulef, Canvas, Buckrom, \&c. Diaper, Damafk, \&c. which are to be periphraftically expreffed by their matter and figure.
3. Games and Plays, of which the old ones do continually grow into difufe, and every age produceth new kinds.
4. Drinks, The Wines of feveral Countries, and Grapes, as Malmey Mufkadell, \&c. And fo for other made Drink, as Tei, Coffi, Chocolate, Rambuze, Syllabub, \&c.
5. Meats, as feveral prepared Difhes, Cullace, Biik, Oglia, \&c. The variety of Breads, Bifker, Cracknel, Bunn, Simnel, \&c. Several confections, as Marmalade, Codigny, \&c. Confections in Phyfick, as Diafcordium, Mithridate, \&c.
6. Tunes for Mufick, or Dauncing, as Coranto, Galliard, Sarabrand, Jig, Pavan, Almain, \&c. And fo for the various kinds of Mufical Inftruttruments, Sackbut, Hauboy, Cornet, Lute, Theorbo, Viol, Cittern, \(k c\).
7. The names of feveral Tools belonging to Trades, which are not the fame in all Nations, and are every day multiplyed.
8. To which may be added the names of divers fects, whether Philofophical, Political, or Religious; which are various accotding to feveral places and Times, many of them being derived from the names of Perfons, and therefore not to be provided for in fuch a Theory of things as is propofed for Ưniverfal ufe. But as any of thefe may be periphraftically expreffed in the Latin, or in the Language of any other Nation, which has no one word for them; fo may they likewife, with the fame facility be defrribed ina Philofophical Character or Language. .

\title{
PART. III. Concerning Natural Grammar.
}

\section*{CHAP. I:}
1. Concerning the feveral kinds and Parts of Grammar. 2. Of Etymo\(\log y\), the general Scheme of Integralls and Particles. 3. Of Nouns in general. 4. Of Subftantives Common, denoting either Things, ACFions, or Perjons. 5. Rules concerning Nouns of Adtion. 6. Of SubJtantive abftracts. 7. Of Adjectives according to the true Pbilofophical notion of thems. 8. The true notion of a Verb. 9. of derived Adverbs. 10. A general scheme of the fore-mentioned Derivations.

HAving now difpatched the fecond thing propofed to be treated of, namely, the Scientifical part, containing a regular enumeration and defcription of fuch things and notions, as are to be known, and to which names are to be affigned, which may be ftiled Univerfal Pbilofophy; I proceed in the next place to the Organcial part, or an enquiry atter fuch kind of neceffary helps, whereby as by inftruments we muft be affifted in the forming thefe more fimple notions into complex Propofitions and Difcourfes, which may be ftiled Grammar, containing the Art of. Words or Difcourfe.

Grammar may be diftinguifht into two kinds; I. Natural; and General; 2. Inftituted and Particular.
1. Natural Grammar, (which may likewife be ftiled Philofophical, Rational, and Univerfal) Thould contain all fuch Grounds and Rules, an do naturally and neceffarily belong to the Philofophy of letters and feech in the General.
2. Inftituted and Particular Grammar, doth deliver the rules which are proper and peculiar to any one Language in Particular; as about the Inflexion of words, and the Government of cafes, corc. In the Latiz, Greek, \&c. and is defined by Scaliger to be fcientia loquendi De Caufis \(L\) : ex ufu.
The firft of thefe only is upon this occafion to be confidered. It hath been treated of but by few, which makes our Learned Verulam put it among his Defiderata; I do nit know any more that have purpofely written of it, but Scotus in his Grammatica Speculativa, and Caramuel in his Grammatica Audax; and Canapanella in his Grammatica Philofophica. (As for Schioppius his Grammar, of this title, that dorh wholly concern the Latin tongue;) Befides which, fomething hath been occafionally fpoken of it, by Scaliger in his book de caufis lingue latine; and by Voffius in his Ariftarchus. But to me it feems, that all thefe Authors in lome meafure (though fome more then others) were fo far prejudiced by the common Theory of the languages they were acquainted with, that they did not fufficiently abltract their rules Qq according
according to Nature. In which I do not hope, that this which is now to be delivered can be faultefs; is being very hard, (if not impoffible) wholly to efcape fuch prejudices: yet I am apt tothink it lefs erroneous in this refpect then the reft.

The parts of Grammar are priacipally thefe three.
1. Concerning the kinds of poords, or thofe feveral modes and refpects, according to which the names of things may be varied in their Acceptions; being made either derivative Nouns, or Adverbs; together with their feveral inflexions and compofitions; which may be ftiled Etymology.
2. Concerning the proper nnion or right conftraction of thefe into Iropofitions or fentences; which is called syntax.
3. Concerning the moft convenient marks or founds for the expreffion of fuch names or words; whether by woriting, Orthograph; or by Jpeect, Orthoepy.

The firft of thefe concerning the Doctrine of Words, may refer either, 1. To the formal differences or kinds of them; or, 2. To the Accidental changes of them, in refpect of Inflection, Derivation, Compofition.

Words, according to their formal differences and kinds, may be thus diftributed.


By Integralsor Principal words, I mean fuch as fignifie fome entire thing or notion: whether the Ens or Thingit felf, or the Efence of a thing, as Nouns Neuters, whether concrete or abftract; or the Doing or Suffering of a thing as Nouns ACtive or Paflive; or the manner and affection of it, as Derived Adverds.

S III. Thofe inftituted words which men do agree upon for the names and
Every
appellations of things, are ftiled Nouns. .

Chap. I. Concerning \(\mathcal{X}\) (atural Grammar.
Every Noun which in conjunction with a Verb makes a compleat fentence, and fignifies fimply, and per modum fubfiftentis per \(f e\), is called a subftantive. That which fignifies per modum Adjundit, or adjacentis alteri, is called an Adjective.

Subftantives belong either to one, called Proper: or to many, and are therefore ftyled com mon.

The former of thefe are not to be brought under the rules of any feience, becaufe Individuals are Infinite; and therefore fuch proper wamer as pertain each to one only, thould be efteemed as fo many \(\Lambda \mathrm{r}\) ticulate voices, to be expreffed by fuch particular vowels and confonants \(2 s\) will make fuch refpective founds.

Noun Subftantives Common are fuch names as are affigned to the fe- \(\S\) IV. veral kinds or fpecies of things or notions; which, though they are very numerons, yet are they capable of being ftated and fixed according to a Philofophical method, as is endeavoured in the fore-going Tables. Concerning which thefe rules are to be obferved.
1. Every Radical word in the Tables is fuppofed to be a Subftantive; though they could not all of them be fo exprefled, becaufe of the defect of proper words for them in the prefent Languages; upon which account there is a neceffity of expreffing fome of them by AdjeEives, and fome by an Aggregate of words : but they are all of them to be underftood as being fimple Subitantives.
2. Thefe Radical Subftantives may be of various kinds, either 1. Of the Tbing. 2. Of the ACtion or Paflion. Or, 3. Of the Perfon, Befides thofe other kind of Subftantives which proceed from thefe; whether Abftralts Neuter, as Deity, Regality, \&c. or fuch other Abftracts, whether ACtive or Palfive, as denote a proclivity or capacity, as Amoroufnefs, Amiablenefs, \&c. which are provided for by the Tranfcendental Particles.
3. When the Radical is a Noun Subftantive of the Thing, the moft immediate derivations from it, are the Subftantives ACtive and Pa/five, to be exprefled by the mark of Active or Paffive upon the Radical. And the Subftantive of the perfor, whether Agent or Patient, by the Adjective, Active or Paffive in the Aorift Tenfe, with the Tranfcendental mark of Perfon; So Dux and Calor, Light and Heat, are Subftantives of the Tbing: Illuminatio and Calefactio, Enlightning, Heating, are the Subftantives Active, or of the ACtion; 7o illuminari, calefieri, the being Enlightned and Heated are Subftantives Paffive : or of the Paffion; Illuminator, Calefalfor, or illuminans ơ calefaciens perfona, the Enlightner and Heater, are Subftantives of the Perfon agent; Illnminatus and Calefallus, the Illuminated or Heated, are Subltantives of the Perfon Patient.
4. When the Radical is a Subftantive of the ACtion, then the Subftantive of the Perfon, is to be expreffed as in the formerrule; fo Ligatio, Paftio, Salivatio; Binding, Feeding, Spitting, are Subftantives of the Altion; Ligator, Paftor, Salivator; Binder, Feeder, Spitter, are Subftantives of the Agent; and Ligatus, Paftus, Salivatus; Bound, Fed, Befpit, are the Subftantives of the Patient. And the Subftantive of the Tbing whether Active or Paffive, is in this cafe to be expreffed, by the Adjective, Active or Paflive in the Aorift Tenfe, with the Tran-

Qq 2 fcendenta!
fcendental mark of Thing. So Ligans res, a binding thing, is Ligamentum, a Bond or String; and nutriens or pafcens res, a nourifhing or feeding thing, is nutrimentum, food or nourihmment; fo ligata res, a bound thing, is Ligatum, a Bundle or Fardle; foexcreta or Salivata res, is Excrementum, or Saliva, Excrement or Spittle.
5. When the Radical is a Subftantive of the Perfor, then the Subftantive of the Action or Paflion (as was faid before) are the moft immediate derivations from it, and to be expreffed by the Mark of Active or Paflive upon the Radical ; So Magiftratus, Rex, Fudex, \&c. Magifirate, King, Fudge, \&c. are Radicals of the Perfon; The Subftantives of Action belonging to each of thefe, are Gubermatio, Regmatio, Fudicatio, Governing, Reigning, Fudging; And the Subftantive of the Thing whether AClive or Palfive, is to be expreffed by the Adjective Active or Paffive in the Aorift Tenfe, with the Tranfcendental note of Thing; So Gubernans res a governing thing; regens res a reigning thing; andjudicans res a judging thing, viz. A Canon or Rule by which we judge of ftreight and crooked, right and wrong; So Gubernata res, the governed thing, is Ditio, Territory, Dominion, Jurifdiction; Regnata res, is Regnum the Kingdom; \(\mathcal{F}\) udicata res, is fudicium, Judgment.

As thofe names which are affigned to fignifie things themfelves, and do not denote either Action or Paffion, are ftiled Nonns meuter: fo thofe names which are affigned to fignifie the Doing or Suffering of things are ftiled ACtive or Paffive. The fame notion which in the Greek and Latin is expreffed by the Infinitive Mode Active or Paffive, is that which I here intend by the Subftantive Active or Paffive; and that it may properly be fo ftiled, I hall endeavour to prove afterwards.

Though every Noun Subftantive have not an Active or Paffive belonging to it either in the Greek, Latin, Englifh, \&c. yet according to the Nature and Philofophy of things, whatfoever hath an Efence, mult likewife have an ACI s either of Being or becoming: or of Doing or being done : or of making or being made: to be, or do. And confequently every Radical Subftantive which is capable of Attion, fhould have an Active or Paffive formed from it, which is commonly called a Verb.

As for fach things which have not of their own any proper Act of Doing, they are not capable of the derivation of Active and Paffive, ob defectum materie ; as in the words Stone, Mettle, Goc. But the Verbs belonging to fuch Radicals can be only Neuter, denoting the ACt of Being or becoming; unlefs when they are compounded with the Tranfcendental mark of Caufatio, which will adde to them a Tranfitive fenfe, as Petrifie, Metallifie, OUc. \(^{\text {c }}\)

As for fuch other Radicals as are capable of Action or Paffion,thefe Rules are to be obferved concerning them.
1. More Generally thefe two.
1. Things which according to common acception have belonging to them any one proper ACI of Doing; their Verbs ACives will denote this Act: For inftance, the Verb or Subftantive Active of the words Fire, Water, \&c. is to burn, wet; and fo for thofe Acts of the feveral parts, Tougne, Tooth, Mouth, Threat, Foot, Heel, whofe active by this

\section*{Chap. I. Concerning \(\mathcal{N}\) (atural Grammar.}

Rule will be to lick, bite, devour, Soallow, trample, kick, and the Active of Bow, Gun, is to Shoot as with a Bow, Gun.
2. Things which have not, according to common acception, any one kind of peculiar Act of Doing appropriate to them; the ACtives belonging to fuch things, will fignifie in the General to ACt or do according to the nature of fuch things.
2. More Particularly thefe four.
1. The Actives belonging to fuch Radicals as are subfances, whether Abfolute or Relative, do fignifie to Act according to the nature of fuch Subftances; fo in absolute Subftances, the Active of God, spirit, Man, will fignifie to Act as God, Spirit, Man; and fo in Relative Subftances, the Active of Father, Judge, Magiftrate, is to Act as a Father, Judge, Magiftrate.
2. The Actives of Quality, whether Predicamental or Tranfcendental, do denote the Acts of thofe \(\int\) pecies, with particular reference to the differences under which they are placed; So the AEtive of Eaft, Weft, obliquity, \&c. being under the difference of Situation, muft fignifie to fituate a thing Eafterly, Wefterly, obliquely. The words of Line, Surface, Body, being under the difference of Dimenfion; the Active belonging to them mult fignifie to Dimenfionate as either of thefe.

The words under the differences of Figure, mult in their Actives fignifie to Figure according to fuch particular thapes.

Thofe under the difference of Time, the Actives of Prefent, Simultaneons, Nemonefs, oldnefs, Soonefs, \&c. muft fignifie to Act with fuch refpects of Time.

The ACtives of the Differences and Species under Meafure, fhould regularly fignifie to Meafure by Number, Magnitude, Gravity, Valour, Duration. The Active of Inch, Foot, Pace, Fathom, is to Meafure by Inch, Foot, Grc. and fo for thofe other Species of Grane, Drachm, \&c. Farthing, Penny, \&c.

The Active of Minute, Hour, Day, Night, \&c. will fignifie to continue for fuch portions or meafures of time, according to the fenfe of the Difference, Duration, inder which thefe fpecies are placed.

The Active of Infancy, Childhood, Adolefcency, \&c. may Gignifie to pafs the time of one's Infancy, Childhood, Adolefcency, \&or.
3. The Active of fuch Radicals as are Qualities, whether Predicamental or Tranfeendental, fignifie to do or deal according to the fignification of the faid qualities; So the Active of Fidelity, Severity, \& \(8 \mathrm{c}_{\text {. }}\) will fignifie to deal or Act, Faithfully, Severely, \&c. The Active of Goodnefs, Evilmefs, \&c. will fignifie to Act or Do well or ill, ©'c.
4. The Active of fuch Radicals as denote ACZions, need no other explication but this, that fome of them are Active Abfolute, which in the ufual Grammars are ftiled Neuter; as Sto, Sedeo, Curro; others Tranfitive, denoting a tranfient efficiency; into which latter kind, the former of thefe may be changed (as was faid before) by compofition with the Tranfcendental mark of Caufation.

There are feveral Englifh Verbs, which, without admitting any change by Compofition or Inflexion, have bothe Neuter and a Tranfitive fignification; as Corrupt, Feed, Starve, Famifh, Move, Reff, Hang; Extend, shrink, Stagger, Stay, \&c. whofe fenfe is to be diftinguilht by the conftruction.

There

There are fome Verbs of the fame Natural Philofophical Radix, which are yet expreffed by different words, as Laugh, Deride, Weep, Bemoan, muf, weed, Necef \(\overline{z i t a t e}, \& \mathrm{c}\). And the different notion of thefe and fuch like Verbs, is not capable of being exprefled by the Tranfcendental point of caufation : but by placing after them fuch a Noun Subftantive, or Pronoun Subftantive, as may denote the object of thofe feveral acts. So the word Laugh, being put without any Subftantive following, doth fignifie in the Neuter fenfe the bare act of Laughing; but if the word me or him, Grc. doth immediately follow the Verb, then it is to be rendered deride or laugh at, me, him, doc.

Befides thofe Concrete Subftantives, which fignifie the Ens or thing it felf, there are other Subftantives which denote the Eßence of things, Ailed Abfracts. And thefe may likewife be diftinguifhed into, Neuter, Active, Palfive.

That is ftiled Neuter which denotes the naked Effence of a thing, without any inclination to Action or Paffion, as Deity, Regality.

That is Atiled an Abftract ACtive, which implies a proclivity to Action, as Regmativity, Amativenefs, or Amoroufnefs.

That is called Pajive, which denotes a capacity or fitnefs for receiving or fuffering of Action, as Regibility, Amiablenefs.

Such Radicals as are Concretes, are capable (according to the nature of the things denoted by them) to have all thefe three kinds of Abftracts formed from them. Whereas fuch Radicals, as are themfelves Abftralts Neuter, (as namely feveral of thofe under the Genus's and Differences of 2xality and ACtion) are capable only of the two latter kinds to be formed from them.

As Noun Subftantives are the names which are given to things, confidered fimply, and as fubfifing by themfelves : So Noun Adjectives are the names which are given to the \(1 d_{j u m c t ~ n a t u r e s ~ o f ~ t h i n g s, ~ t h e ~ n o t i-~}^{\text {a }}\) on of them confifting in this, that they fignifie, the fubject or thing to which they are afcribed, to have in it fomething belonging to the nature or quality of thofe Adjectives, which are predicated of it, or Ji mited by it.

And befides this common notion, they do fometimes likewife in the inftituted Languages refer to other notions; as, 1. To abowndance, fo the words populous, pretious, fumptuous, ©rc. fo in Latin, fimviws pifcofus, aquofa regio. 2. To likenefs, fo the word dogged, currith, wafpifh, Serapbicus, Angelicus, \&c. 3. To Poffeffion,fo Downes regia, a royal houfe. 4. To the zatter of which any thing doth confift ; fo foutume abeneums, A brazen fhield. But each of thefe notions may be otherwife more diftinctly provided for. The two firt by the Tranfcendental marks of Augmentative and Like; and the two next by the prepofitions of Poffeffor and Material caufe. And fo the true genuine fenfe of a Noun Adjective will be fixed to confift in this, that it imports this general notion of Pertaining to, or being Affected mith.

Thofe Adjectives are ftiled Nenters which do not denote either Action or Paffion; as Calidus, Lusidus, Hot, Light.

Thofe are ftiled ACtive or Paffive, which denote the Action or Paffion of the Adjunct thing or Eflence. And becaufe thefe according to

\section*{Chap. I. Cancerning \(\mathcal{X}\) (atural Gramamar.}
the common Theory do Participate both of Noun and Verb; therefore are they by Grammarians ftiled Participles ; Active, as Calefaciens, Illuminans, Heating, Enlightning : or Paffive,Calefactus,Illuminatus, Heated, Illuminated.

And as Abftract Subftantives, may be formed from the Concrete; folikewife may Adjectives, which are alfo diftinguifhable into Neuters Active, Paflive.

That part of fpeech, which by our Common Grammarians is ftiled a Verb, (whether Neurer, Active or Paffive) ought to have no diftinct

\section*{S VIII.} place amongft Integrals in a Philofophical Grammar ; becaufe it is really no other then an Adjective, and the Copula fum affixed to it or conteined in it : So Caleo, Calefacio, SCalidus. Concerning which Copula, Calefio, is the fame with fum \(\{\) Calefaciens. and the ufe of it; more Qcalefactius. Ihall be faid hereafter.

That kind of word, which is commonly adjoyned to a Verb, to fignifie the quality and affection of the Action or Paffion, is ftiled an Adverb; which may be diftinguifhed into Derived and Underived. The former of thefe is here particularly intended, and doth generally belong to Languages. The latter is afterwards treated of amongtt the Particles.

As every Radical is fuppofed naturally to have its Adjective, fo likewife its Adverb; and though no Language in ufe doth admit of fo general a derivation of Adverbs, yet the true reafon of this is from their imperfection and deficiency; for the Signs ought always to be adequate unto the things or notions to be fignified by them.

As Adjectives were before diftinguihed into Nenter, Altive, Palfive, fo likewife ought Adverbs to be. And as every Adverb isimmediately derived from fome Adjective, foevery kind of Adjective hath fome kind of Adverb derived from it.

For the more eafie underftanding of thefe things, I hall here adjoyu a general Scheme of the fore-mentioned derivations; wherein I hall be neceffitated to form feveral new words according to common analogy.

All Integrals are cither.
Sublantive.
Neuters id calere vel calor. Lucere vel lux. \(\rangle^{\text {Heat. Light. }}\) Adiive. Calefactio. A. Illwminatio. \}Heating. Enlightning. QPaflive. Calefactio. P. Inwminari, SBeing Heated. Enlightned. Adjetive.
\begin{tabular}{|c|c|}
\hline \multirow[t]{3}{*}{§ Neuter. Calidus. Lxcidus.} & \\
\hline & \% \\
\hline & Heated. Enlightned. \\
\hline
\end{tabular}

Adverb.
S Neutcr. Calidè. Lucidè: Aaive. Calefacienter.Ihmminanter:个Hotly. Lightly. Paflive, Calefačè. Inisminatç. SHeatedly. Illuminatedly. AbArac.

\section*{304}

Subftantive.
\(\int_{\text {Neuter. Caloritas, }}\) Luciditas. \(\quad\) Hotnefs. Lightnefs. \{Adive. Calefadi ivitas. Innminativitas. \}Calefativity. Illuminativity. Zpaffive. Calefaciibilitas. IDmminabilitss. Calefactibility. Illuminability: Adjective.

Neuter. Caloritativus. Luciditativus. \({ }^{2}\) Caloritative. Luciditative.
\{Active. Calefactivus. Inuminativus. \}Calefađive. Illuminative. ¿Paffive, Calefactibilis. Inxminabili. Calefatible. Illuminable. Adverb.

Neuter. Caloritative. Luciditativé. \(\quad\) Caloritatively. Luciditatively.
\(\left\{\begin{array}{l}\text { AAtive. Calefactive. Inwminativè. } \\ \text { Calefatively. Illuminatauively. }\end{array}\right.\)
\(\left\{\begin{array}{l}\text { Paffive. Calefactibiliter. Inuminabiliter. YCalefaatibly. Illuminably. }\end{array}\right.\)

\section*{C H A P. II.}
1. Of Particles in gemeral. 2. Of the Copula. 3. Of Promouns more generally. 4. More Particularly. 5. Of Interjections more generally. 6. More Particularly.

HAving thus explained what is meant by Integral words, which fignifie entire things and notions, with the feveral kinds of them. I proceed in the next place totreat, concerning Particles, or lefs principal words, which may be faid to confignifie, ferving to circumftantiate and modifie thofe Integral words, with which they are joyned, being filed by the Hebrew Grammarians DiCFiones.

The words of this kind are exceeding numerous and equivocal in all Languages, and add much to the difficulty of learning them. It being 2 very hard matter to eftablifh the juft number, of fuch as in all kinds are neceffary, and to fix to them their proper fignifications, which yet ought to be done in a Philofophical Grammar. I thall in this Eflay, felect out of Inftituted Languages, fuch of the feveral. forts, as I conceive fufficient for this purpofe.

Thefe were before diftinguifhed, into fuch as refer, either to Grammatical, or Tranfcendental notion.

Thofe are ftiled Grammatical, which fuppofing words to retain their primary fenfe, do ferve for the circumftantiating of them, either by union, abbreviation, inflexion, or fome other way for the qualifying of their fignifications or conftructions:

The moft neceffary amongt all the reft, which is effential and perpetual in every compleat fentence, is Atiled the Copula; which ferves Tor the uniting of the Subject and Predicate in every Propofition. The word SubjedI I ufe, as the Logicians do, for all that which goes before the Copula; which if it confift of only one word, then it is the fame which Grammarians call the Nominative cafe. By the word Predicate, I mean likewife all that which follows the Copula in the fame fentence, whereof the Adjective(if any fuch there be)immediately next after the Copula, is commonly incorporated with it in inftituted Languages, and both together make up that which Grammarians call a Verb.

\section*{Chap.II. .Concerning \(\mathcal{X}\) 人atural Grammar. \\ -305}

Amongft thofe Particles which are not effential and perpetual, but ufed according to occafion, fome are filed Subfitutive; becaufe they fupply the room either, I. Of fome Integall word, as Pronowns, or 2. Offome Seatence or complex part of it, as Iuterjections.

As Nouns are notes or figns of things, fo Pronouns are of Nouns; and are therefore called Pronomina, quafi vice Nominum, as being placed commonly inftead of Nouns.. They reprefent things either
1. Immediately and inkind, without refpect to the names of thofe things. So when its faid, I exhort thee or him : The Pronoun I reprefent to our thoughts the perfon fpeaking, fuppofe Fohn; and the words thee, him, the perfon fpoken to or of, fuppofe William or Thomas.
2. Mediately by their names, which are either
1. Expreft mith the Prononn, as commonly it happens upon the firft intimation or mention of the thing; as this or that inan or book, and in thefe cales the Pronouns are commonly called Demonftrative.
2. Supplged by the Pronouns, as is ufual for Brevities lake, at the repeating of the mention of a thing lately before fpoken of; as be, it; \&c. and then the Pronoun is called Relative. Examples of both forts are to be had in the Grammars of Inttituted Languages.

More comanodioully for our purpofe, the Pronouns are to be confidered either according to their, 1. Number. 2. Modifications.
1. As to their Number; there are twelve which may be filed fimple Pronouns, and three other that are Compound.

The Simple Pronouns, for the better convenience of and complyance with the Characters, are reduced into thefe three combinations; whereof the firtt and laft combinations are fingle, the other double.
\[
\left\{\begin{array}{ll}
\text { I. } \\
\text { Thou. } \\
\text { He. }
\end{array}\right\}\left\{\begin{array}{ll}
\text { This. } & \text { That. } \\
\text { Same. } & \text { Another. } \\
\text { Certain one. } & \text { Some one. }
\end{array}\right\} .\left\{\begin{array}{l}
\text { Any one. } \\
\text { Every one. } \\
\text { All. }
\end{array}\right\}
\]

Of aill which it is to be obferved, that they are in fome kind or other, Quantitatives; that is to fay, every one of thefe Pronouns makes the whole Propofition, or at leaft that part of the Propofition, which is affected with it, according to its own nature, to be cither Singular, Indefinite, Particular or Üniverfal.
2. The Modifications of Pronouns, whereby they are varied into different fignifications, are of two kinds.
1. Poffelfive, denoting a relation of Propriety or Poffeflion unto the perfon or thing fpoken of, which is applicable to all Pronouns, as \(I_{\text {, }}\) Mine; Who, Whofe, ofc.
2. Reduplicative, denotíng a particnlar Emphalis, whereby a word is raifed and intended in its fignification; as I my felf, Thou thy felf, obs.

Moreover it is to he oblerv'd, that the Perfonal Pronouns, and any of the reft being us'd Subftantively, are capable of Number and Cafe; and that all other Pronouns befide the.Perfonal, are capable of Compofition with the Tranfeendentals of Perfon and Thing, of Place, Time and Manner.

All thefe Pronouns I have thought fit to reprefent more largely under four combinations in thefe following Tables.
§IV. The firft Combination of Pronouns denoting the three Perfons are Subfawtivess, and for their Quantity fingnlar, and camoor properly reprefent any other then midividual beings. I have here adjoyned to them their plurals, for the fake of their Poffeffives; ours, yours, theirs, which without them cannot be fo conveniently expreffied.
\begin{tabular}{|c|c|c|c|}
\hline Ego me & Sing. Numb. & Plur. Numb. [We, us. & Nos \\
\hline 隹s. & Poff. My, Mine. & & \\
\hline Egomet. & edap. Even I. I my felf. & ves. & Nos ipfr, mofwert. \\
\hline go ipfe. & of. Red. my own. & Ou & \\
\hline te. I & 2. THOU. Thee. & Yee, y & \\
\hline & SP. Thy. Thine. & \{ & \\
\hline Tw ipfe, teme & \%R.Thy felf, even thou. & Your fel & Vos ipf, vofwet. \\
\hline & .P.R. Thy own. & They,them,th & \\
\hline , & & & smus, cornw. \\
\hline \[
I_{p} f e, f f_{0}
\] & & hey the & \\
\hline
\end{tabular}

The fecond Combination of Pronouns as likewife the reft that follow,are properly Adjectives, though by reafon of Ellipfis they are fometimes ufed Subftantively. The three firf of them, this, that, the fawe, are for their Quantities fingulirs, and do denote feveral relations of Identity \(;\) The three laft, viz. Another, \(A\) certain one, Sonse one, are for their Quantities, singzlars or Particnlars indeterminate. The firf of them implies the Relation of Diverfitt.
\begin{tabular}{|c|c|c|}
\hline Hic. & THIS. & AT. Ille, is \\
\hline Hujus. & P. Belonging tothis\{Perfon. & Belonging to that, it. Ill \\
\hline Hic ipfe. & R. This very P.T. \({ }^{\text {Thing. }}\) & That very. Ille, \\
\hline Hict. & P1. Here. & There. Illic, ibi, jficis \\
\hline Nunc. & T. Now. & Then. Twrrc. \\
\hline Hujuffodi, & M. This mannep & That manner. \({ }^{\text {a }}\) Iftinfmodi. \\
\hline & THESAME. & ANOTHER,other, elfe. Aliws. \\
\hline Ejufdem. & P. Belonging to the fame. & Anothers. Alterius \\
\hline Ibidem. & & \\
\hline & T. & Otherwhile. (ther. Alia \\
\hline & M. & Otherwife. Alit \\
\hline 2xidam. & 3. ACERTAIN. & SOME. Aliquis. \\
\hline & & \\
\hline & P.L. A certain place. & Somewher \\
\hline & T. A certain time. & So \\
\hline & & Quadammoda \\
\hline
\end{tabular}
Chap. II. Concerning \(\mathcal{D}\) (atural Grammar. 307


And thus much may ferve for fating the number, nature, fignification and ufe of this Second kind of Grammatical Particle tiled Pronoun.
§ V. Thofe Substitutive Particles, which Serve to Supply the room of forme fentence or complex part of it, are filed Interjections. Thee are by forme denyed to be words, or any part of diftinct speech, but only natural fins of our mental notions; or paffions, expreffed by fuch rude incondite founds, feveral of which are common with us to Brute Creatures. And as all Nations of men do agree in there kind of narural paffions, fo likewife do they very much agree in the figs or indications of their mirth, Sorrow, love, batred, \&c.

There kind of Particles are generally exprefled by alpirated founds, Scalig. L. L. affectumenine not ant, © ide confertus editur Jpiritus, because of that Cap. 13. affection and vehemence, which is commonly denoted by them.

The kinds of thee may be very numerous, according to the various motions and paffioss of the mind; but thole that are of the molt frequant and general ufe, may be reduced under there three combinations, whereof the first only is fingle, the other two double.
§ VI. The two firth Combinations may be styled Solitary and Palfive, being used by us when we are alone, or not fo directly tending to diffcore with others, in which the Party peaks as fuffering rome mutstion in himfelf. They are the refult, either of a furprixed.
[Judgment, denoting either

3. Defpifing. Pish, Shy, Ty.

Affection; moved by the Apprehenfion of Goad or Evil.
\[
\begin{aligned}
& \text { aft; } \\
& \text { I. Mirth. Ha, ha, he. } \\
& \text { I. } \% \text { Sorrows. oi, oh, oh, ah. } \\
& \text { II. }\{\text { Present; } \\
& \text { 2. }\left\{\begin{array}{l}
\text { Love, and pity, Ah, alack, alas } \\
\text { Hate, and }
\end{array}\right. \\
& \text { 2. }\left\{\begin{array}{l}
\text { Late, and anger, vaud, au. }
\end{array}\right. \\
& \text { Future; }
\end{aligned}
\]
\[
\text { 3. }\left\{\begin{array}{l}
\text { Define, } \mathbf{O}, \text { o that. } \\
\text { Averfation, Shy. }
\end{array}\right.
\]

The lat Combination may be filed social and ACtive, being never unfed by us when we are alone, but immediately tending to difeourfe with others, in which the party freaks with defign to procure rome mutation io his Hearers. There may be diftinguighed into fuck as are
\[
\text { I. }\left\{\begin{array}{l}
\text { Precedancous to difcourfe. } \\
\text { r. }\left\{\begin{array}{l}
\text { Exclaiming. Oh, Soho. } \\
\text { Begilencing. St, Huh. }
\end{array}\right. \\
\text { Beginning of difcourre. }
\end{array}\right.
\]
§ General ; to difpofe the fenfes of the Hearer.
2. \(\{\) Bespeaking attention. Ho, Oh.
- \{Expreffing attention. Ha.

Especial; to difpofe the Affections of the Hearer by way of 3. \(\{\) Imfmencation or blandifhment.
- \(\left\{\begin{array}{l}\text { Ihreatning. } 1 \mathrm{~N} \boldsymbol{V} \text {, Wo. }\end{array}\right.\)

CHAP.

\author{
CHAP. III.
}

S I. Of Prepofitions in General. §. II. The particular kinds of them. § III. Explication of the four laft Combinations of them, relating to Place, or Time.

THofe are ftiled Convexive Particles, whofe proper ufe is toexprefs, either 1. The Confruction of word with word called Prepofition; or 1. The Contexture of fentence pith fentence, called Adverb and Conjunclion.

Prepofitions are fuch Particles, whofe proper office it is to joyn Integral with Integral on the fame fide of the Copula ; fignifying fome respect of canfe, Place, Time, or other circumflance either Pofitively or Privatively. Thefe having ffuch a fubferviency to Nouns, in respect of which, they are by fome filed Adnomia, or Adnomina and Prenomina, as Adverbs have to Verbs. They are therefore here treated of before Adverbs, whofe office is chiefly to wait upon Verbs.

There are thirty fix Prepofitions or eighteen paires of them, or fix Combinations, which may, with much lefs equivocalnefs then is found in inftituted Languages, fuffice to exprefs thofe various refpects, which are to be fignifyed by the kind of Particle.

The two firf Combinations of Prepofitions, do comprehend fuch as are ufed to exprefs Canfality, and may be ftiled Canfal.
\(\therefore\) The firt Combination of caufal Prepofitions are cither,


The Efficient, or the Final caufe.

\[
\text { 3. }\left\{\begin{array}{lll}
0 & U T & O F \\
C & O & N C E R N I N G, ~ u p o m . ~
\end{array}\right.
\]

The fecond Combination of Caufal Prepofitions doth contain fuch as do relate either to the notion of

3 30 - Concerning \({ }^{2}\) (atural Grammar. \(\quad\) Part IIId
Pro,
Contra. \(\quad\left\{\begin{array}{l}F O R, \text { on this fide. } \\ A G A I N S T, \text { oppofite unto. }\end{array}\right.\)

The reft of the Prepofitions do primarily refer to Place and Sitmation; Secondarily to time; And fome of them, by way of Analogy, to Comparifom.Some of thefe are Abfolutely determined, either to Motion, or to Reft, or the Terminus of motion. Others are relatively applicable to both; Concerning which this rule is to be obferved. That thofe which belong to motion, cannot fignifie reft: But thofe which belong to reft, may likewife fignifie motion in the Terminus.

The ehird Combination doth confift of fuch as refpect fpace ingemeral being either

Abfolutely determixed to
Motion ; cither || of Coming, or Going
I. \(\left\{\begin{array}{l}T 0\end{array}\right.\)
A.

Apud.
Procul.

Trans. Circum.
111. RReft; or the Terms of this motions, denoting either 3 Near mefs and contiguity f ro Difance 2. \(\left\{\begin{array}{l}A T \\ O F F\end{array}\right.\)

Relative both to motion and reft, with refpect to the Intermediate fpace betwixt thofe Terms, either \(\|\) Direty, or Indirect. SOVER
3. \(\{A B O\) चT

The fouth Combination doth conffit of fuch Prepofitions, as refpect space, with a particular reftriction to the notion of Containings, being either.

In.
Ex.

Intra.
Extra.

Per.
Prater.

Surfum: Deorfum.

Supra.
Inira.

Ante.
Pof.

Relative both to Motion and Reft, with refpecto the Intermediate Jpace either || Direẗf or Indirect:
4. \(\left\{\begin{array}{l}\text { THOROVGII }\end{array}\right.\)
4. \(\{B E S I D E\)

The fifth Combination doth contain fuch Prepofitions as relate to the Imagimary parts of athing, whether the

He ad or Fete, bieing abfolutely determined to
\(\int_{\text {Motion; either \| Afcent or Defcent; }}\)
\(\left\{\begin{array}{l}\text { VPWARDS } \\ D \otimes W N W R R D S\end{array}\right.\)
V. \(\{\) Reft or the Terms of thele motions, 2. \(\left\{\begin{array}{l}A B O V E \\ B E L O W\end{array}\right.\)

Face or Back, being Relative both to Motion and Reft.
\(3 \cdot\left\{\begin{array}{l}B E F O R E \\ A F T E R\end{array}\right.\)
The fixth Combination doth comprehend fuch Prepofitions as are applicable-both to Motion and Reft, relating to the fruation of fome

\section*{Chap. III. Concerning \(\mathcal{N}\) (atural Grammar: \(\quad 311\)}
fome third thing fpoken of, whilh the Speaker confiders as being \(\left[\begin{array}{l}\text { Higber or Lomper then that third thing, denoting a contiguity or } \\ \text { nearnefs to it }\end{array}\right.\)
1. \(\left\{\begin{array}{l}\text { UPON } \\ \text { UNDER }\end{array}\right.\)
Saper:
VI. \(\{\) Nemer to it, or Fartber fromit
2. \(\left\{\begin{array}{l}O N T H I S S I D E \\ \text { BETOND }\end{array}\right.\)

Citra:
witra
In the intermediate fpace unto two ather things, or oppefite to one of them.
3. \(\left\{\begin{array}{l}\text { BETWIXI, betweens } \\ \text { AGAINST, eovr againft. }\end{array}\right.\)

For the clearer explication of thefe Lacal Prepofitions, I Chall refer to this following Diagram. In which by the 0val Figures are repre§ III. fented the Prepofitions determined to Motion, wherein the Acuter part doth point out the tendency of that motion. The Squares are intended to fignifie reft or the Term of Motion. And by the round figures are reprefented fuch relative Prepofitiong, as may indifferently refer cither to Motioz or Ref.


Some

\section*{312 Concerning \(\mathbb{N}\) atural Grammar.}

Somie of thele Prepofitions, viz. Above, Belom, Before, After, are by common Analogy applicable to fignifie comparifon, which ufe being generally received, and the words having in them a natural futablenefs to this purpofe, there is no danger of any ambiguity.

Several of the Prepofitions are fometimes ufed Adverbially, as Ante, Poft, Prater, Contra, Inter, Infra, \&c. which ufe when it happens, the fenfe will eafily diftinguifh. The difference between thefe two parts of fpeech, Prepofitions and Adverbs, being fo nice, that 'tis hard in fome cafes to diltinguifh them; upon which 'tis queftioned, whether every Prepofition as it compounds a Verb, do not put on the nature of an Adverb; and it feems to be fo, becaufe it Modifies the Act after the fame manner as Adverbs do, as in the words Praficio, Benefacio,\&c.

\section*{C H A P. IV'.}

\section*{I. Of Adverbs in General. II. The Particular kinds of them. III. Of Conjunctions.}

THofe tw kinds of Connexive Particles which ferve for the contexture of fentence with fentence, are called Adverbs and ConjunEtions. The firft of thefe are commonly defrribed to be fuch kind of words as are for the moft part adjoyned to Verbs to fignifie fome kind of Mode or Circumftance, belonging either intrinfecally or extrinfecally to them.

Of Aduerbs derived from Integrals, enough hath been faid in the Chapter of Integrals. The reft of thofe words which are commonly called \(A d v e r b s\), according to their true Original, are either derived from * Prononns, or elfe they are \({ }^{\text {b }}\) Modes of Verbs, or elfe they are
- As. So.From. This. That. \({ }^{\mathrm{b}}\) Yea. Nay. Perhaps. Truly. - Rather. Than. - Conjunctions;And fome of them may be periphraftically expreflied by Radicals. So that according to the true Philofophy of fpeech, I cannot conceive this kind of words to be properly a diftind part of fpeech, as they are commonly called. But until they can be diftributed into their proper places, I have fo far complyed with the Grammars of inftituted Languages, as to place them here together, and to branch them under the five following Combinations.

\section*{§ II. Whereof the firft doth confift of fuch Adverbs as denote}
11. The manncr of our Apprehenfion of Complex things, or the nex-

Ita, immo, maximè. Non, nequaquam,minimè. ss betwixt the feveral terms of a Propofition; whether raore SSimple; || Affirming or Denjing
\(\left\{\begin{array}{l}\text { I. }\left\{\begin{array}{l}\boldsymbol{r} E A, I, \\ N \Delta X, \\ \text { not }\end{array}, ~\right.\end{array}\right.\)
(Mixed; applicable both to Affirmation and Negation; either \(|\mid\) Conjectural doubtful and contingent : or Certain and confident, implying a kind of atteftation or fomething fuperadded to bare Affirming or Denying.
Fortè, forfan. Profecto.
2. \(\left\{\begin{array}{l}P E R H A P S, \text { perchance, }\end{array}\right.\)
2. \(\left\{\begin{array}{l}R R \cup L X, \\ \tau R \cup \text { indeed, furely, in truth, verily. }\end{array}\right.\)

Similitude ; the former being Comparative General, the other the Redditive of it.

Chap. IV. Concerning \(\mathcal{P}\) (atural Grammar.
\(3 \cdot\left\{\begin{array}{l}A S, \text { even as } \\ s\end{array}\right.\) o femblably.
The fecond Combination are all of them Comparative, either of
II. \(\left\{\begin{array}{l}\text { Equality; the latter being the Redditive of the former } \\ \text { IOW }\end{array}\right.\)
so
\{Inequality; according to feveral degrees.
SGreater;
2. \(\left\{\begin{array}{l}M O R E \\ M O S T\end{array}\right.\)

QLefer;
3. \(\left\{\begin{array}{l}L E S S \\ L E A S T\end{array}\right.\)

Ut.
Sic.

Quàm.
Tam.

Magis.
Maximè.

Minùs.
Minimè.

The third Combination doth confift of fuch as are; either
\(\int\) Elective; whether of Prelation and preference: or Preterition and poftponency.
r. \(\left\{\begin{array}{l}R A T H E R \\ \text { THAN }\end{array}\right.\)

Potias.
Quam.
III. \{ Local and Temporal; implying a refpect betwixt fomething abJent and paft; either to \(\|\) that which is prefent : or to that which is at diftance and future.
2. \(\left\{\begin{array}{l}\Upsilon E T, \text { fill, bitherto, } \\ \text { UNTIL } \\ \text { Temporal only; the former reprefenting timse exifting and pre- }\end{array}\right.\)
fent, the other implying a relation of pofteriority after lap-
fing and expiring of fome time.

The fourth Combination doth contein fuch as denote the Circumftance of
[society, \(\|\) Affirmed, or Denyed; Conjunction or Exclufion 1. \(\}_{0 \text { N L }}^{\text {TOTHER }}\)

Una, fimul. Tantùm.

Iterum.
Quafi.
2. \(\left\{\begin{array}{l}A G A I N \\ A S I F\end{array}\right.\)

Privation or Reffitution; the former fignifying the devefting a thing of its form; the other the re-invelting of it with its precedent form; the firft of thefe hath no Particle that is ufed fimply for it, but only in Compofition, both in Latin and Englifh: the latter we fometimes exprefs in Englifh by Back:

Un. dif. Re, recro
The fifth and laft Combination doth confift of three fingle Particles, denoting Proximity or nearnefs; being either
- Defiwite and determinate; whether
V. \(\{\) Affirming fome little defelt or Imperfection

2Denying the wt moft perfection
2. SCARCE, bardly

Vix.
Indefinite, and indeterminate to wore or lefs, over or under;
but affirming a nearnefs to the chief term Circiter.
3. THEREABOUTS, nnder or over.
§ III. Conjundions are fuch Particles as ferve for the joyning together."of zoords, ar rather of fentences. Of thefe there may be reckoned thefe four Combinations, or twelve paire; though all of them be not alike fimple and of equal neceffity, yet there is none of them without its particular convenience.

The firft Combination doth confift of fuch as are either

An.
Noune. .

Et, atq;
Nec.

Si,
Nifi
Nifi.

Equidem.
Scd.

Etfi.
Tamen.
vel.
Sive.
ur.
Ne.
II. \(\left\{\begin{array}{l}\text { Concelfive, or Exceptive } \\ \text { 2. }\left\{\begin{array}{l}\text { A L T H OV G H } \\ \text { YE }\end{array}\right. \\ \text { Dijjunctive, }\end{array}\right.\)

The fecond Combination doth containfuch as are either
\begin{tabular}{|c|}
\hline \multirow[t]{5}{*}{} \\
\hline \\
\hline \\
\hline \\
\hline \\
\hline
\end{tabular}

Thethird Combination are all of them Caufal; either
Adjundive of the end; whether caufe or Event; || Affirmative or Negative,
. \(\{T H A T\), to the end that,
1. \(\left\{\begin{array}{l}\text { LEAST THAT }\end{array}\right.\)
III. \{ Ratiocinative, belonging to the Antecedent; whether \| that which makes it follow the Confequent : or that which may indifferently precede or follom.
2. \(\left\{\begin{array}{l}F O R \\ B E C A U S E\end{array}\right.\)

Ratiocisative belonging to the Confequent; whether || izterrogative and indefinite : or illatize, and demonftrative,
3. \(\left\{\begin{array}{l}W H X, \text { wherefore, what is the caufe or reajor, } \\ \text { THER }\end{array}\right.\)

Cur.
Ergo.

Quam.
Exinde.

Etiam.
Etcat.
Videlicet,
nempe.
Exemp. gr.
The laft Combination doth confift of fuch as are either


Thethree laft of thefe are not properly Particles or fingle words, but rather the Contractions of feveral words, they are here added to the reft for greater convenience, partly for compleating the number and filling up the vacancies; and partly in Complyance with the ufe of moft vulgar Languages, when they write contractedly.

\section*{CHAP. V.}
1. Of Articles. II. Of Modes. III. Of Tenfes. IV. The moft diftinct poay of expreffing the differences of Time.

BEfides thefe fore-mentioned Particles which may be called more Abfolute; there are others morefervile and auxiliary, ferving for the fuller expreffion of fome Accident belonging to a word. Thefe were before diftinguifhed into fuch as do belong either, 1. To an Integral alowe, as Articles. 2. Tothe Copula alone, as the Modes. or 3. Both to Integral and Copula as the Tenfes. Each of which are in fome Languages taken in, or involved in the inflexion of words: But in others, they are provided for by diftinct words to exprefs them.

Articles are ufually prefixed before Subftantives for the more full and diftinct expreffion of them, they may be diftinguifhed into

Enuntiative, which may be ufed indifferently before any Subftantive, not already poffeft with the Demonftrative. A. An.

Demonftrative, which gives a peculiar Emphafisto its Subftantive, and is applyed only to fuch a Perfon or Thing, as the hearer knows, or hath reafon to know, becaufe of its eminence or fome precedent mention of it. The

Though thefe be not abfolutely neceffary to a Language, becaufe the Latin is without them; yet are they fo convenient for the greater diftinctnefs of fpeech, that upon this account, both the Hebrew, Greek, slavonick, and moft other Languages have them.

To thew in what manner the fubject is to be joyned with his Predicate, the Copula between them is affected with a Particle, which from the ufe of it, is called Modus, the Manner or Mode.

Now the Subject and Predicate may be joyned together either Simply, or with fome kind of Limitation, and accordingly thefe Modes are either Primary or Secondary.

The Primary'Modes are called by Grammarians Indicative, and Imperative.

When the Matter is declared to be fo, or at lealt when it feems in the fpeakers power to have it be fo, as the bare union of Subject and Predicate would import; then the Copula is nakedly expreffed without any variation : And this manner of exprefling it, is called the Indicasive Mode.

When it is neitherdeclared to be fo, nor feems to be immediatly in the fpeakers power to have it \(f_{0}\); then he can do na more in words but make out the expreffion of his will to him that hath the thing in
\[
\text { S § } 2
\]
his
his power, namely to his \(\left\{\begin{array}{l}\text { Superiour } \\ \text { Equal } \\ \text { Inferiour }\end{array}\right\} \begin{aligned} & \text { betition } \\ & \text { berfrafion } \\ & \text { Command }\end{aligned}\) And the mannet of thefe affecting the Copula (Be it fo, or fine effe, let it be fo) is called the Imperative Mode; of which there are thefe three varieries, very fit to be diftinctly provided for. As for that other ufe of the Imperative Mode, when it fignifies Permilfion; this may be fufficiently expreffed by the Secondary Mode of Liberty. You may do it.

The Secomdary Modes are fuch, as when the Copula is affected with any of them, make the fentence to be (as Logicians call it) a Modal Propofition.

This happens when the Matter in difcourfe, namely, the being or doing or fuffering of a thing, is confidered not fimpls by it Self, but gradually in its caufes from which it proceeds either Contingently or Neceffarily.

Thena thing feems to be left as Contingent, when the feaker expreffes only the Polfibility of it, or his own Liberty to it.
1. The Poffibility of a thing depends upon the power of its caufe, and may be expreffed when \(\left\{\begin{array}{l}\text { Abjolnte } \\ \text { Conditional }\end{array}\right\}\) by the Particle \(\} \begin{aligned} & C \text { A N } \\ & C O U L D .\end{aligned}\)
2. The Liberty of a thing, depends upon a freedom from all Ob (tacles cither within or without, and is ufually expreffed in our Language, when \(\left.\} \begin{array}{l}\text { AbSolute } \\ \text { Conditional }\end{array}\right\}\) by the Particle \(\}^{M}\) MIG \(\mathcal{I}\) ITT.

Then a thing feems to be of Neceffity, when the fpeaker expreffeth the refolution of his own will, or lome other obligation upon him from without.
3. The Inclination of the will is expreffed, if \(\left\{\begin{array}{l}\text { Abfolute } \\ \text { Conditional }\end{array}\right\}\) by the Particles \(\left\{\begin{array}{l}W I L L \\ W O U L D .\end{array}\right.\)
4. The Neceffity of a thing, from fome external obligation, whether Natural or Moral which we call duty, is expreffed, if \(\left\{\begin{array}{l}\text { Abfolute } \\ \text { Condit }\end{array}\right.\) by the Particle \(\left\{\begin{array}{l}M \cup S T, \text { ought, ghall, } \\ M \cup S T, \text { ought, } \text {,hould. }\end{array}\right.\)
§III. That kind of fervile Particle which doth belong both to the Integral and the Copula, is ftiled Tenfe.

Tho Tenfes in inftituted Languages are appropriated only to Verbs, yet 'tis very plain that according to the true Philofophy of Ppeech, they fhould likewife be afcribed to Subftantives; And that this would in many refpects be a great advantage to Language. As there is Ama: tio, fo there fhould be Amavitio and Arsaturitio, \&c.

Thefe kind of Auxiliary Particles, ftiled Modes and Tenjes, are ia the Modern Languages expreffed by fuch fervile words, as do not fignifie any compleat Act, but rather fome refpects and circumftaries belonging to other ACts; and by that means have in them a natural fitnefs to be fublervient to the inflexion of other Integral words. So the Conditional Modes are fupplyed by the words Pofinm or Pojlibles

\section*{Chap. V. Concerning \(\mathcal{X}\) (atural Grammar.}

Licet, Libet, Volo; Neceffe, Oportet, Debeo. And fo are the Tenfes, by thofe fervile words of Facio, Habeo, befides the Copula, fum.
The Tenfes are ufually diftinguifhed into

But the moft diftinct and explicit way of exprefling any Propofiti- §IV. on, is by affixing thefe Tenfes, both to the Copula, and the Predicate; the latter of which will thew the time of the Action, frc. whether paft, prefent, or future : and the former, the ftate of the Perfon or Subject, who doth this Acti-
on, whether he \(\left\{\begin{array}{l}\text { Has beew, } \\ \text { Is now, } \\ \text { Shall be bereafter. }\end{array}\right\}\) either \(\left\{\begin{array}{l}\text { Paft that AClion, } \\ \text { ACling in it, } \\ \text { ret to do it. }\end{array}\right.\)

And a Propofition thus expreffed, is in the very expreffing of it, refolved into its parts of Subject, Copala, and Predicate, according to thefe following examples.

\begin{tabular}{|c|c|c|}
\hline \[
\text { I }\left\{\begin{array}{l}
\text { Have been } \\
\text { Am } \\
\text { Shall be }
\end{array}\right\}
\] & having been Heated & \[
\left\{\begin{array}{l}
\text { Fuerams calefadtus } \\
\text { Calefiebans } \\
\text { Fuero calefadtus }
\end{array}\right.
\] \\
\hline \[
\mathrm{I}\left\{\begin{array}{l}
\text { Have been } \\
\text { An } \\
\text { Shall be }
\end{array}\right\}
\] & to be Heated hereafter & \(\left[\begin{array}{l}\text { Fui } \\ \text { Sums } \\ \text { Ero }\end{array}\right\}\) Calefaciendus. \\
\hline
\end{tabular}

But if any fhould conceive this way needlefs or toolaborious, as being too much diftant from the manner of Inftituted Languages; he may by putting the Copula in the place of the Tenfe, as well exprefs his mind in this, as in any other Inftituted Language.

\section*{C H A P. VI.}
I. Of Tranfcendental Particles, The end and ufe of them. II. The ufual ways for enlarging the fenfe of words in Instituted Languages. III. The General Heads of Tranfcen. dental Particles.

'THofe Particles are here ftiled Tranfcendental; which do circumftantiate words in refpect of fome Metaphyfical notion; either by enlarging the acception of them to fome more general fignification, then doth belong to the reftrained fenfe of their places: or denoting a relation to fome other Predicament or Genus, under which they are not originally placed.

Whereas in a Philofophical Language, every word ought in ftrictnefs to have but one proper fenfe and acception, to prevent equivocalnefs; which fenfe is to be reftrained according to that place and relation, which the words have in the Tables: And yet on the other fide, it would much promote copioufnefs and elegancy, if there might be any way fo to change and vary the fenfe of any word, as may with all, leave it free from ambiguity. For this purpofe, as likewife for the Abbreviating of Language are thefe Tranfcendental notes fuggefted.

There are two ways ufed in Inftituted Languages, fpecially in Latin for varying the fenfe of words; either by Tropes: or by fuch a kind of Compoftion as doth alter the terminations of them.
I. The fenfe of a word is varyed by Trope; either in refpect of fome

Agreement and convenience, which it hath with the word for which it is ufed; whether more

\section*{\{General; as in Metaphore}
\(\{\) special; when the
(Whole, whether Univerfal, Effential, Integral, is put for any
\{ of the refpective parts, or contrary wife, synecdoche.
Subject, object, caufe, \&c. is put for the Adjunct, Adjedt, Effect, \&c, or contrary wife, Metonymy.

\section*{Chap.IV. Concerning \(\mathcal{N}\) (atural Grammar.}

Of all which there are ftore of examples in the common books of Rhetorick; And there will be occafion to cite feveral of them in the following Chapter, amoagtt the inftances that are given of the Tranfcendental Particles.

Words are varied by changing their Terminations many ways; of which thefe that follow are fome of the Principal in the Latin.
1. Preparatives or Meditatives; are exprefled by the Termination (wrio) Scripturio, Efurio, Parturio, MidZurio.
2. Inceptives; by the termination ( \(\int c 0\) ) Lucefco, Calefco, Senefco.
3. Frequentatives; by the termination (ito) Claneito, Agito.
4. Augmentatives; by the termination (ofus) Aquofus, Fluviofus, Pifcofus.
5. Diminutives; by the terminations ( \(l_{0}\) les, la, lum, after) Cantillo, Scribillo, Libellus, Lapillus, Homunculus, Mercatulus, Veficula Corpufculum, Corculum, Crepufculum, Surdafter, Medicafter, Grammaticafter.
G. The Notion of Segregate; by the termination (tim) Virtim, Verbatim, Gradatim.
7. Power and Propenfity AClive ; by (ivus, ivitas) AClivus, ACIIvitac.
8. Power and Propenfity Palfive; by (ilis, ilitas) Pof \(\sqrt{\text { bibilis, }}\) Pof \(\sqrt{i b i-}\) litas.
9. Caufe; by compofition with Facio, Mortifico, Magnifico, Prolifiсит, \& .
10. Rind; by (plex and farius and genws) Simplex, Duplex, Multiplex, Bifarius, Multifarius, Omnigenus, Multigenus.
11. The notions of officer, and Tradefisan; whether Merchant or Mechanick promifcuoufly, are commonly exprefled by the termination (arius) which doth originally and properly fignifie the notion of belongingto, but is thus limited by reafon of the words, officiarizs, Mercator, Faber, underftood.

Apiarius, Armentarius, Caprarius, Equarius, Accipitarius, Librarius, \&c.

Lanarius, Linariws, Pifcarius, Aviarius, Pomarius, Lactarius, \&c. Arcuarius, Armamentarius, Aurarius, Doliarius, \&xc.
12. Inftrument or fugament; by the termination (trum) Hanftrum, Aratrum, Plauftrum, Ruftrum, \&c.
13. Veffel; by (bulum) Thuribulum, Infundibuluts.
14. Houfe; by (ile, ale, arimm) Equile, Ovile, Brbile, Cafeale, Aviarium, Columbarium, Gallinarium.
15. Chamber or Room; by (ina, arinnt, terium) Officisa, Textrina, Tomfrina, Sutrina, Popina, Veftiarium, Carnarinm, Apodyterium, Conifterium, spharifterium.
16. Place in General; by (ariuns, etum) Vivariwm, Aquarinm, Pomaxixm, Colluviarium, Frutetum, Dumetum, Arundirietum, Ericetum, \&c.
17. Perfon or Agent; by the termination (or) Pafor, Foffor, Frondator, Vindemiator, Arator, Meßor, \&c.

Now if all other refpects and circumftances, which are capable and proper to be expreffed by thefe kind of Particles, were in fome fuch way provided for; this would exceedingly abbreviate the number
of words, prevent much circumlocution, contribute to perfpicuity and diftinctnefs, and very much promote the elegance and fignificancy of fpeech.

What may be the moft convenient number of fuch Tranfcendental Particles, is not eafie to determine; But thofe mentioned in the eight following Combinations, (though not all of the fame extent and comprehenfivenefs) have each of them fome peculiar pretence of being lifted under this number.
Thefe may be diffributed into fuch as are more
General.
\{ Effential. I.
\(\left\{\begin{array}{l}\text { Circumftantial. II. }\end{array}\right.\)
, whether belonging to
\(\left\{\begin{array}{l}\text { Subfance. III. } \\ \text { Qwantity. IV. }\end{array}\right.\)
2uality. V.
-
\(\left\{\begin{array}{l}\text { Action. VI. } \\ \text { Relation, with refpect to }\end{array}\right.\)
\(\{\) Quality and ACtion. VII.
\{Affections of Animals. VIII.
The firft Combination doth comprehend fuch Gexeral Efential refrects, as are either

Comparative; denoting fimilitude and refemblance; whether that which confifts chiefly \(\|\) in words or in things
1. \(\left\{\begin{array}{l}\text { 1. }\left\{\begin{array}{l}M E T A P H O R \\ L I K E\end{array}, ~\right.\end{array}\right.\)

Pofitive; denoting the nature or effence of the fubject fooken of, as to thofe common notions of
General beings, either || the common effence, or common circumflances
SKIND
2. \(\left\{\begin{array}{l}\text { MANNER }\end{array}\right.\)

Individual beings, whether |irrational or rational
3. \(\left\{\begin{array}{l}T H E R S G \\ P \text { R } O \text { N }\end{array}\right.\)

The fecond Combination doth contein fuch General Circumffantiald refpects as are; either more
```

ante; fignifying, Poftion or Duration
$\left\{\begin{array}{l}P L A C E \\ T I M E\end{array}\right.$
Relative; as to
SEffecting or Reprefenting
2. $\left\{\begin{array}{l}C A U S E \\ S I G S\end{array}\right.$
Being in conjunction with others, or feparate from others
3. $\left\{\begin{array}{l}A G G R E G A T E \\ S E G E G A T E\end{array}\right.$

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Chap. VI. Concerning \(\mathcal{X}\) (atural Grammar. 321
The third Combination doth contain fuch kind of special refpects, belonging to Subftance, as refult from their A pplication to other Subftances, and the ufes for which they are defigned; namely, for Enclofure and fervice, whether of
(Places; or Things
III. \(\left\{\begin{array}{l}\text { I. }\left\{\begin{array}{l}S E P I M E N T \\ A R M A M E N T \\ M e n ; ~ e i t h e r ~ f u c h ~ c o v e r i n g s ~ a s ~ a r e ~\end{array}\right.\end{array}\right.\)
[Contiguous and fitted to their bodies, ferving for defence, \(\|\) againft Weather or Enemies
2. \(\left\{\begin{array}{l}V E S T \\ A R M O V R\end{array}\right.\)

LMore remote, according to || the more General, or Special kind or part
3. \(\left\{\begin{array}{l}H O U S E \\ R O O M\end{array}\right.\)

The fourth Combination doth comprehend fome of thofe special refpects belonging to Corporeal things, which do chiefly concern the Figure of them, whether
\[
\text { IV. }\left\{\begin{array}{l}
\text { shape alone ; Broad and Flat, or Slewder and Long } \\
I \cdot\left\{\begin{array}{l}
L A M I N \\
P I N
\end{array}\right. \\
\text { shape and vfe }
\end{array}\right.
\]
\{More Simple; defigned, either for operation or Containing 2. \(\left\{\begin{array}{l}\text { INSTR V MENT } \\ V E S E L\end{array}\right.\)

ZLefsfomple; whether || fuch as are not neceffarily defigwed for motion, being of a lefs complicate figare; or fuch as are defigned for motion, whofe figure is more complicate
\[
\text { 3. }\left\{\begin{array}{l}
\text { ЭVGAMENT } \\
M A C H I N
\end{array}\right.
\]

The fifth Combination doth contaia fuch kind of Notions as relate to the Quality of Things or Perfons, whether confidered more [Abftradtly; either the more Gemeral Quality, whereby the natural Powers are perfected, or more Special relating to
V. \(\left\{\begin{array}{l}\text { Pradical matters } \\ \text { I. }\left\{\begin{array}{l}H A B I T \\ A R T \\ \text { Concretely; } \\ \text {; denoting perfonal Qualifications, whether }\end{array}\right.\end{array}\right.\) ©Degrees and Bufinefs; or Faculty and.skill TOFFICER \(\}^{2 \cdot}\{\triangle R T I S T\) EProfelfions of Manufacture of Exchange \(3 \cdot\left\{\begin{array}{l}\text { MECHANIC } \\ M E R C H A N T\end{array}\right.\)

\section*{322 Concerning \(\mathbb{V}\) (atural Grammar. Part III.}

The fixth Combination doth contain fuch imperfect fervile notions, as belong to Altion or Paffion, with refpect to the
[Ability, or Difpofation of a thing
1. \(\{\) POWER
VI. \{ Beginning or Repeating of an Action
2. \{INCEPTIUE

2FREQUENTATIVE
[Application of the Power; whether \|in a common and ordinary, or in fome fudden and vebement degree
3. \(\left\{\begin{array}{l}\text { ENDEAVOUR } \\ \text { IMPETVS }\end{array}\right.\)

The feventh Combination doth contain fuch kind of fervile Relative notions, as are common both to Quality and AEtion; denoting either the

cslanner of a Thing or Attion, whether \|as it foould be, or as it fouild not be
\[
\text { 3. }\left\{\begin{array}{l}
P E R F E C T I V E \\
C O R R V P T I V E
\end{array}\right.
\]

The eighth and laft Combination doth relate to fome Affections of Animals, cither

Chap.:VII. Concerning \(\mathcal{X}\) atural Grammar. 323

\section*{CHAP. VII.}

\section*{Inft ances of the great ufefulnefs of thefe Tranfcendental Particles, woith directions bow they are to be applyed.}

F
OR the better explaining of what great ufe and advantage thefe
Particles may be to Language, I fhall give fome examples ofeverally to each pair of them, according to the order premifed: Beginning with the firft.

\section*{J.}

\section*{1. \(\left\{\begin{array}{l}M E T A \\ L I K E\end{array}\right.\)}

Thefe two are paired together becaufe of their affinity, each of themdenoting an enlargement of the fenfe of the word; the firft more general; the other with reference to Similitude, properly fo called.

The note of Met aphorical affixed to any Character, will fignifie the metaphor. enlarging the fenfe of that word, from that ftrict reftrained acception which it had in the Tables, to a more univerfal comprehenfive fignifi-
cation: By this, common Metaphors may be legitimated, retaining their elegancy, and being freed from their ambiguity. So


So in the Tables of ACtion; thofe Acts which are primarily afcribed unto God, as Preferving, Deftroying, Delivering, Forfaking, Blef/ing, Curfing, \&c. becaufe they may by analogy be applyed to other things, therefore this mark will enlarge their acception. So for thofe other Ads belonging to the rational fonl; as, Thinking, Believing, Knowning, Obferving, Expecting, Confenting, Difenting, Eftecming, Contemning,

Willing,
-Willing, Nilling, Fruition, Delectation, Election, Rejection, \&c. though they are primarily acts of the Rational Soul; yet becaufe there is fomewhat analogous to them in other Creatures; therefore fuch words with this mark may without ambiguity be ufed in fuch a general fenfe.

So in Judicial Relation ; Accufe, Complain, Excufe, Witmefs, Regifter, Citation, \(\& \mathrm{c}\). So likewife in Militarg Relation; Offend, Defend, Provoke, Refift, Befege, Aßault, skirmifh, Fight, Stratagenm, Overcome, Tield', Fly, Purfue, Efcape, \&e. Each of thefe and many other words may by this note (when there is juft occafion to apply it) be made more copiois, and yet preferved diftinct in their fignifications.

Like.
The other Particle, Like, being affixed to any word, doth denote a varying of the fenfe of that word, upon the Account of fome fimilitude, whether in refpect of quality and difpofition, Refermblance, effect, and manner of doimg, or outward ßhape and fituation.
1. This fimilitude may fometimes refer to the quality and difpoftion of a thing; in which fenfe 'tis frequently exprefled in our Englifh Tongre by Adjectives, with the Termination (ijb) Devilifm, Brutijh, Currijh, Wafpih, Apifh : and fometimes without it ; as Angelical, Dogged, Cynical, Viperous, Serpentine, \&c. which do not always fignifie according to the ftrict derivation of fuch Adjectives, but do many times denote only a fimilitude.
2. After the fame manner are the feveral varieties of Colours to be expreffed, namely, by their refemblance to other things comoionly known. So Ahes-like, or Cineritins, is \(A / b\)-colowr. So Flelh-like is Carnation; Blood-like is Crimfon; Lyon-like is Tapony. So for thofe other refemblances to the Sky, to Gold, Grafs, Straw. So Picews, or Pitch-like, is a deep black; Coracinus, or Crow-like, is a Jhining black. So for Milky, Snowy, Ivory, kinds of White, ©rc. And thus likewife is it for the variety of Taftes and Smells; the differences of which are not provided for with diltinct words in any Language, but may this way be fufficiently expreffed; namely, by their likenefs to fuch other things as are commonly known.
3. Sometimes it may refer to fome kind of Refemblance in refpect of effect, according to which fenfe thefe words are frequently ufed; Inflame, sparkle, Cloud, Exhalation, Fumes, Vapour.
4. Sometimes to the manner of doing; fo to fpeak Infant-like, is to Jabler; to graft-like Feathers is to Impe; to dart-like water, is to spirt, Squirt; to tremble-like with the voice, is to Warble, Thrill; Dog-like crying, is Whining; Stealing-like, is Surreptitions, \&c.

\section*{Chap.VII. Concexning \(\mathcal{D}\) (atural Grammar.}
5. This Particke is likewife applicable in refpect of thape and fituation. Sa


\section*{I.}
2. \(\left\{\begin{array}{l}K I N D \\ M A N N E R\end{array}\right.\)

The firft of thefe may be compounded with words of Number, to rind: make them fignifie under the notion of Multiplicatize, which the Latins exprefs by the Termination (plex) Simplex, Duplex, Multiplex, \&cc. And the Englifh by the Termination (fold) Twofold, Threefold, Manifold.

In its compofition with other Characters, it will Serve to exprefs thofe words which are ufed to fignifie the general or fpecial kinds of things ; and being affixed to any of the differences, will make them fignifie as a Genus or Species. It is applicable both to Subftantives and - Adjectives.

Some of our Englifh words of this fenfe, are expreffed by the Termination (age) as Herbage, rafcuage, Foliage, Vintage, Cordage, Stoage, \&c. that is the kind of Herbs, Pafture, \&c.


There are feveral Adjectives likewife expreffible this way ; as Multifarions, Homogeneous, or Similar, Heterogeneons, or Dif(imular, \&c.
2. The ufe of the fecond Particle is by its compofition with Rela - Manner. tive and Quantitative Pronouns, to exprefs fuch words as thefe; Quomodo, how or after what manner; Hujufmodi after this manner; Ejufmodiafter that manner, Ooc. It is applicable likewife unto Advierbia moris, Meatim, Twatim, Suatim (i) Meo, Tno, suo More. The Antients were wont to Cay, Canatim, Suqtim, Bovatim, that is, after the manner of Dogs, of Swine, \&ruc. And it is still in ufe to fay Humanitus, after the manner of men.

The
\(326 \quad\) Concerning \(\mathcal{N}\) (atural Grammar. Part III.

The Compofition with this Particle may likewife be ufeful in exprefling thofe words which do in their proper notion contain a reference to the Mode of things.


\section*{I.}

STHING \(\begin{aligned} & \text { THERSON } \\ & \text { PER }\end{aligned}\)
Each of thefe may be compounded with the Relative or Quantitative Pronouns, ferving to diftinguilh fuch as refer to Things, from thofe that belong to Perfons. This, That, The fame, Anotber, A certain, Some. Thing or Perfor.

Thing.
The former of thefe being affixed to any word in the Tables belonging to the Predicament of Quality, Action, Relation, or to any other word which doth primarily denote a perfon, will determine the fenfe of that word to a Subftantive of the Thbing \(;\) as it hath been already declared in the Doctrine of Subftantives.

This note may be affixed
1. To Adjectives Nenter. So

2. To Adjectives ACtive, commonly called Participles Active. So



So the Adjectives Paffive of the words Teaching, Learming, Reading, Singing, selling, with this affix, will fignifie DoClrine, Leffon, Ledtwre, song, Ware.

\section*{Chap.V1I. Concerning \(\mathcal{N}\) (aturalGrammar.}

The fecond of thefe Particles may refer either to, I. The quality Perfon. and relation; or 2. The Agency; or 3. The Patiency of the Perfon.

If to the firft of thefe; it muft be affixed toan Adjective Neuter; if to the fecond or third, it mult be affixed to an Adjective Altive or Paffive.
Of the firft kind are fuch examples as thefe.


Of the fecond are fuch examples as thefe.


Of the third are fuch examples as thefe.
Sent
SEleemofynated
\(\left\{\begin{array}{l}\text { Beneficenced }\end{array}\right.\)
\(\left\{\begin{array}{l}\text { Meffengor } \\ \text { Eleemofy nary } \\ \text { Beneficiary } \\ \text { Probationer }\end{array}\right.\)

\section*{II.}
1. \(\left\{\begin{array}{l}P L A C E \\ T I A E\end{array}\right.\)

Thls firt pair trithe fecond Combination of Tranfeendental Particles; itre of more theniordinary extent and ufefulnefs, becaule they may be ferviceable to compound other words befides Integrals.

The firft of them may be Compounded with Promouns; as was Place. Thewed before in the doctrine concerning Pronouns; and fo ferve to exprefs Adverbs of place, as in this, that, every, orc. bere, there, every.
mbere.
Berf.
Befidè which, the Compofition with this Particle may be proper to exprefs other nawes of Places, which are commonly derived, either from,
1. The
1. The things contained in them.
2. The ufes to which they are defigned.
3. The Relations by which they are bounded.

Of the firlt kind are fuch as thefe.
\begin{tabular}{|c|c|c|c|c|c|}
\hline \multicolumn{6}{|l|}{Of the firlt kind are fuch as thele.} \\
\hline Metal & & Mine Stannary & Hops & & Garden \\
\hline Tin & & Quarry & Fire & & Hearth \\
\hline Deer & & Park & Smoke & E & Chimney \\
\hline Conies & & Warren & Ship refting & & Harbour, Haven, Rode \\
\hline Trees & 言 & Wood, Grove & Stream & \% & Channel, Kenne1 \\
\hline Shrubs & & Coppice & & & Gut \\
\hline Fruit-trees & & Orchard & Abjectaneous & & \\
\hline Vines & & Vineyard. & Water & & Sink \\
\hline
\end{tabular}

Of the fecond kind are fuch examples as thefe.

\begin{tabular}{|c|c|c|}
\hline \multicolumn{3}{|r|}{Of the third kind are fuch inftances as thefe.} \\
\hline & Authority & \(\left\{\begin{array}{l}\text { Territory, Signiory } \\ \text { Juriddiation, Principality, Dominiou }\end{array}\right.\) \\
\hline - & Kings Authority & Kingdom, Realm \\
\hline 2 & Tribe & County, Shire \\
\hline \% & Academical - 号 & Academy, Univerfity \\
\hline a & Arch-Bifhops & Province \\
\hline & Bifhops Suthority & Diocefs \\
\hline & Presbyters & Parifh \\
\hline
\end{tabular}

Time. The fecond of thefe Particles, namely, Time, may be Courpounded
1. With Numbers, to make them Gignifie as Adverbs Cardimals; as semel, bis, ter, \&c. Decies, vicies, centies, millies, multoties, \&x. Once, twice, thrice, ten times, twenty times, a hundred times, a thoufand times, many times, ofr.
2. With Pronomns, to exprefs Adverbs of time; as in this, that, all, Now, Then, Alway, \&x.

Chap. VII. Concerning \(\mathcal{N}\) atural Grammar.


When words are in their fignifications tobe more peculiarly deter- caure. mined to their Tranfitive efficiency, then is this firft note to be affixed. It is frequently in Latin exprefled by a Compofition with facio fubjoyned, and fometimes in Englifb by a Compofition with (be) prefixed ; as in the words, Befool, Befot, \&c.

The inftances of this kind do frequently occur, and are very numerous. So


This mark is applicable both to Subftantives and Adjectives, as in Idoption, Adopting, Adopted, Sudorification, sudorific, \&c.

The other Tranfecndental note of Sign is adjoined to the former, by reafon of fome kind of affinity (ihough fomewhat remote) which there is betwixt them. As the former Particle doth import the notion of efficiency or making; to doth this of Reprefenting or fignifying. It is applicable both to Subftantives and Adjectives. So
\begin{tabular}{|c|c|c|c|c|c|}
\hline \multirow[b]{6}{*}{} & [Anchor & & \multirow[t]{2}{*}{\(\left[\begin{array}{l}\text { Buoy } \\ \text { Footftep, track }\end{array}\right.\)} & \multirow[t]{2}{*}{\[
\left\{\begin{array}{l}
\text { Armink or } \\
\text { incurfion pals. }
\end{array}\right.
\]} & \multirow[t]{2}{*}{Alarum} \\
\hline & Foot & & & & \\
\hline & Wound & & Scar & Jugam. Inval. & Beacon \\
\hline & Percuflion & & Vibex, Black and Blew & Future event Evil & Ominous Inaufpicio \\
\hline & Veft fervice & \(\stackrel{2}{3}\) & Livery & Great evil & Portentous \\
\hline & Wind & 言 & Weathercock & Terminal or
Limit
霛 & Meer, land-mark \\
\hline & Family, or Nobility & & Coat of Arms \({ }^{\text {a }}\) & To head or hand & Becken \\
\hline & \(\left\{\begin{array}{l}\text { Regali:y } \\ \text { Magiftracy }\end{array}\right.\) & & Crown Mace & Togrief & Lament, deplore bewail, bemoan \\
\hline & & & & To praife & \Applaud \\
\hline
\end{tabular}
\[
\begin{gathered}
\text { II. }\left\{\begin{array}{c}
A G G R E G A T E \\
S E G R E G A T E
\end{array}\right.
\end{gathered}
\]

The firft of thefe dothidenote a multitude in Society, unto which common §peech doth needlefly affign feveral diftitict names; wittereas the Natural notion is the fame in all of them; anditherefore fuctivarious names may jufty be reekioned aniongta the redundancies of Language. So


And fo likewife may it be for tho reothers words
\(\left\{\begin{array}{l}\text { Jewels } \\ \text { Feathers } \\ \text { Berries } \\ \text { Counters } \\ \text { Cards } \\ \text { Dice } \\ \text { Silk, Cloth, Qrc. }\end{array}\right.\)
\(\left\{\begin{array}{l}\text { Carcanet } \\ \text { Plume } \\ \text { Clufter }{ }_{2} \text { Bunch } \\ \text { Set } \\ \text { Pack } \\ \text { Bale } \\ .\end{array}\right.\)

\section*{Chap. VII. Concerning \(\mathcal{X}\) (atural Grammar.}

So the words Selling, or Hiring, with this mark, will fignifie to fell by whole fale, and to bire by the Great.

The fecond of thefe being oppofite to the former, will fignifie Segregate. things under the notion of diffribution ; and being fegregated, which we commonly exprefs by the words Each and Every; it is applicable to the Numbers to make them diftributives : Singuli, Bini, Trini, \&c. Each one, every two, every three, or one by one, by twos, by threes; Grc. And fo for all other things capable of the like notion. The Latins exprefs it by the Termination (tim) as was faid before. So
\(\left\{\begin{array}{lll}\text { sigillatime } & \text { One by one } & \begin{array}{ll}\text { Paulation } & \text { By little and little } \\ \text { Piritim } & \text { Man by man } \\ \text { pedetentimatim } & \text { Foot by Foot } \\ \text { Verbatim } & \text { Door by door }\end{array} \\ \text { Word by word } & \text { Gradatim } & \text { By degrees } \\ \text { Seriatim } & \text { By ranks or claffes. }\end{array}\right.\)

The Englifh, befides the above-mentioned peculiar way of Phrafeology, doth fometimes exprefs this notion by compounding with the Termination (ly) as Hourly, Daily, Weekly, Montbly, Annually, \&c:

It is applicable likewife to Nouns of Action, or Verbs. So


The firft pair in the third Combination do properly refer to the Figure of things; and the note of thefe, added to the name of the matter of which they confift, will be ufeful to fupply the words for feveral things.

The former of thefe doth denote a broad and flat Figure.


The fecond denotes a round and long Figure, and being affixed to Pin. the word fignifying the matter of it, or the thing about which it is ufed, it may ferve for the expreffion of feveral names. So
\(\begin{cases}\text { Iron } & \text { Wood } \\ \left\{\begin{array}{l}\text { Nayle } \\ \text { Veft } \\ \text { Peg } \\ \text { Lring } \\ \text { Cufpidated }\end{array}\right. & \left\{\begin{array}{l}\text { Pin } \\ \text { Tag } \\ \text { Tine }\end{array}\right.\end{cases}\) Concerning \(\mathcal{D}\) (atural Grammar. Part III.

\section*{III.}
\[
\text { 2. }\left\{\begin{array}{l}
I N S T R U M E N T \\
V E S S E L
\end{array}\right.
\]

This pair is intended to fignifie the General Names belonging to each of the two principal kinds of Vtenfls.

Inftrument.
By Inftrument, is meant fuch a kind of Vtenfll, as is of a morefayple figure, and properly defigned for operation. This mark is to be af fixed to the Character of that particular ACtion or Operation, in which fuch inftruments are ufed; and whereas there may be feveral kinds of inftruments, that may be ufeful for the fame kind of operation; they are to be farther diftinguifhed by their Matter, Figure, Bigmefs, or fome other circumftance. So


\footnotetext{
Veffel. Under this fecond Particle (Veffel) are comprehended fuch kind of fimple Utenfils, whofe proper ufe is to contain \(;\) they are diftinguifhable either
1. By the things which they are defigned to hold and contain.
2. By the operations and actions for which they are ufed.
3. By the matter of which they confift, together with their feveral figures and quantities.
}

\section*{Chap．VII．Concerning \(\mathcal{D}\)（atural Grammar． 333}
\begin{tabular}{|c|c|c|c|c|c|}
\hline \multicolumn{6}{|c|}{Of the firft kind are fuch inftances as thefe．So} \\
\hline & Oyle & & eath & & Bowe \\
\hline & clas 3 & Cruet，Cruce & Pottage & 3. & Porringer \\
\hline & Earth & Jarr & Sauce & & Saucer \\
\hline & Drink 䁦 & & Table fire & 管 & Chafing－difh \\
\hline & trle \({ }^{\text {¢ }}\) & ，Pot，Chalice & Candle & ¢ & \\
\hline & Great & & In & & nk \\
\hline & Earthea & Pitcher & Urine & & Chamber－pot \\
\hline
\end{tabular}


Of the third fort there are fuch examples as thefe．So
\begin{tabular}{|c|c|c|c|}
\hline \multirow{6}{*}{} & Earthen & & Pot \\
\hline & Narrow & & Urne \\
\hline & Broad & －者 & Pan \\
\hline & Wooden & 召 & \\
\hline & Oblong & \％ & Trough \\
\hline & Great & & Vatt \\
\hline & Glaffy & & Vial \\
\hline
\end{tabular}
\[
\text { III. }\left\{\begin{array}{l}
\text { OVGAMENT } \\
M A C H I N
\end{array}\right.
\]

This next pair is put to fignifie fuch kind of Utenfils as are of a lefs fimple figure then the former．

Jugament．The word fugament doth comprehend fuch kind of formsas are diftenforia longa；confifting of feveral diftinct parts united by Art，be－ ing more complex then inftrument，and lefs then Machin．The mark of it is to be affixed，either to the name of the ACtion or the Thing about which they are ufed：as in thefe examples．


Machin．
By the fecond are intended fuch Utenfils as are of a more complicate figure，being mixed either with Wheels，Scrues，or Pullies，and de－ figned for motion．The mark is to be affixed untothe Character of the Action for which they are ufed．So
\begin{tabular}{|c|c|c|c|c|}
\hline & Hour & & RRofting & Jack \\
\hline & Signing \＃ & Watch 붇 & Up．pulling \({ }^{\text {E }}\) & Crane \\
\hline & Sounding \({ }^{5}\) & Clock & Holding & Vice \\
\hline \({ }_{0}^{2}\) & Portatile 餢： & Pocket watch ⿳亠丷冖⿱幺小 & Comprefling 官， & Prefs \\
\hline & Grinding \({ }_{\text {Little }}{ }^{\text {P }}\) & Mill & Way－meafuring \({ }^{\text {c }}\) ． & Way－wifer \\
\hline
\end{tabular}

IV．
\[
\mathrm{I} \cdot\left\{\begin{array}{l}
\mathcal{E} P I M E N T \\
A R M A M E N T
\end{array}\right.
\]

The firft of thefe may ferve to exprefs and defcribe thofe feveral kinds of things and names which are ufed for Enclofure．So




The

\section*{Chap.VII.: Concerning \(\mathcal{N}\) (aturalGrammar.}

The fecond mark for ARMABENT or Tackle, will ferve to Armament. defcribe fufficiently feveral things of that nature, without affording diftinct names for them, ro be applyed unto the Character of the Action or Part to which it belongs.

\[
\text { 2. }\left\{\begin{array}{c}
V E S T \\
A R M O V R
\end{array}\right.
\]

The firtt of there will help to defcribe thofe various names that are given to feveral forts of Garments, according to the Parts, Things, or other circumftances moft confiderable in their ufe. So


The fecond Particle is defigned only for defenfive Armour, which Armour, bears fome Aralogy to Vefts. The note of it may be affixed to the feveral Parts.. So

\[
\begin{aligned}
& \text { IV. } \\
& \text { 3. }\left\{\begin{array}{lll}
H & O & U \\
R & O & S \\
R
\end{array}\right.
\end{aligned}
\]

Houre.
The firft of thefe will by its compofition ferve to exprefs thofe various names which are given to Houfes, in reference to the feveral things or ufes they are defigned for. So


Room. As the former Particle may be ufeful for the exprefion of the names of feveral Howes; fo will this fecond for particular Rooms or Chambers. Sa

Chap.VII. Concerning \(\mathcal{N}\) (atural Grammar: \(\quad 337\)
V.

Habit:
\[
\text { I. }\left\{\begin{array}{l}
H A B I T \\
A R T
\end{array}\right.
\]

Each of thefe are applicable to Nouns. The ufe of the firt Particle, is to denote the Habitualuefs of any fuch thing whofe Radix is . not primarily under that Genus of Habit. So thefe words Rejoycing, Worfhipping, Obedient, Dijobedience, \&c. with this mark, will be determined to the Habit of Cbearfulnefs, Devotion, obedience, Contumacy, \&c.

There are many Radical words under other Predicaments, as that of AAFion, Love, Zeal, Compajion, Envy, \&c. Singing, Writing, \&c. That of Relution, as Governing, Bargaining, Thieving, Whordom, Deceiving, \(\& \mathrm{c}\). which when they are to be ufed under the notion of Habits, mult be marked with this affix.

The chicf ufe of the fecond Particle, is to fupply the place of thofe Ant. feveral names which are commonly given to Arts and sciences. So


And fo for thofe other cheating Arts of Manteia or Wizarding, with which the world always hath been and will be abufed. In the naming of thefe it would be convenient to add the word Manteia, the better to diftinguilh thefe from fuch as are true Airts and Sciences. So
\begin{tabular}{|c|c|c|}
\hline & Star mant. & A \\
\hline = & Hand mant. & Chiromancy \\
\hline 딘 & Face mant. & \#: \(\langle\) Phyfiognomy \\
\hline \(\stackrel{3}{2}\) & Fire ma & Pyromancy \\
\hline - & Water mant. & Hydromancy \\
\hline
\end{tabular}

OFFICER

\section*{\(33^{8}\) Concerning \(\mathcal{X}\) (atural Grammar: \(\quad\) Part III.}
V.
2. \(\left\{\begin{array}{l}\Theta F F I C E R \\ A R T I S T\end{array}\right.\)

Though this fecond pair be not of any great affinity, yet are they here united, upon account, that they both denote perfonal refpects.

\author{
Officer.
}

The fint of them affixed to any fingle Character, will fignifie the notion of Prefecture in any kind of place, imployment, relation; whether Howourable; or mean and Servile, as the Integral fhall denote : But if the Integral be compounded with the Prepolition Pro, or Vice, or inftead of, which fignifies the notion of subfitution, it will then exprefs the Deputy or fubftituted officer; if with the Prepofition Sub or Under, it will then denote the Inferiour or fubordinate officer of that kind. So


Chap.VII. . Concerning \(\mathcal{N}\) (atural Grammar. . 339
The other Affix for ARTIST, is not of fo much ufe or neceffity Artif. as the reft, becaufe it may be fufficiently expreffed by thofe two Particles of Art and Perfon. It is here put in, becaufe I could not think of any more convenient notion of the like affinity to fupply this place. So
\begin{tabular}{|c|c|}
\hline \multicolumn{2}{|r|}{\multirow[t]{5}{*}{\begin{tabular}{l}
Quantity \\
Magnitude \\
Number \\
World \\
Star
\end{tabular}}} \\
\hline & \\
\hline & \\
\hline & \\
\hline & \\
\hline
\end{tabular}

\[
\text { 3. }\left\{\begin{array}{l}
M E C H A N I C \\
M E R C H A N T
\end{array}\right.
\]

The laft pair in this Combination may properly ferve to exprefs thofe words which are commonly given to Perfons from their feveral Trades and Occupations.

The firf, for the Trades of Mamnfallure, according to the feveral Mechanic. employments or object matters about which fuch Trades are converfant ; fome of which will be capable of compolition with the Prepolition Sub or Vnder. So
\begin{tabular}{|c|c|c|c|c|c|c|}
\hline \multicolumn{2}{|r|}{\multirow[t]{2}{*}{\[
\left\{\begin{array}{l}
\text { Stone } \\
\text { Wood }
\end{array}\right.
\]}} & on & & \multirow[t]{4}{*}{\(\left\{\begin{array}{l}\text { Leather } \\ \text { Cloth } \\ \text { Cloth thickning } \\ \text { Veft }\end{array}\right.\)} & & \multirow[t]{2}{*}{Tanner Clothier} \\
\hline & & Carpenter & & & & \\
\hline & Metal & Smith & & & & Fuller \\
\hline & Gold & Gold-fmith & & & & aylor \\
\hline & Iron & Black-fmith & & & & Botcher \\
\hline & Lead & Plummer & & oot-velt & & Shoomaker \\
\hline & Pewte & Pewterer & & & & Coble \\
\hline \multirow[b]{4}{*}{} & Brals \(\quad\) B & Brafie & + & Head-v & 1 & Hatter \\
\hline & \[
\underset{G}{E}
\] & Tinker & \(\stackrel{7}{\square}\) & Hand-veft & & Glover \\
\hline & Gems 良: & Lapidary & \% & Spinning & 容 & Spinfter \\
\hline & Statues \(\quad\) ¢ & Statuary & \% & Sowin & & Sempfter \\
\hline & & Sculptor & & Walhing & & aundre \\
\hline & Paintin & Pain & & Bed & & Upholfter \\
\hline & Mufick & Minftrel & & Tub & & Cooper \\
\hline & & Fidler & & Knife & & Cutler \\
\hline & Medic & Apotheca & & & & Fletcher \\
\hline & Printing & Printer & & Candle & & Chaundl \\
\hline & Writing. & 8crivener & & Book & & Book-binder \\
\hline & Cord & Roper & & & & \\
\hline
\end{tabular}

And fo for other particular Trades which belong to other matters, as Gwn, Lock, Glock, Watch, \&ac.

Merchant.
The fecond for the trades of Exchange, many of which were wont in their Englifh names to be compounded with the Termination Monger; as Wood-monger, Iron-monger, Fifh-monger, \&c. From the old Latin word Mango, which fignifies a Seller. So

VI.
1. \(\left\{\begin{array}{l}P O W E R \text { or Ability } \\ A P T I T \text { U } D E \text { or Proneme } S .\end{array}\right.\)

Betwixt thefe two there is an evident affinity, both of them being common fervile notions, and of very general extent; they are applicable to an Integral both Subftamtive and Adjective, and capable both of an Active and Palfive fenfe: Being expreffed in Latin by the Ter-mination (tivus and bilis) and in Englifh by the Termination (tive and ble) And when the words to which they are affixed are compounded with any Adverb of a Negative or Privative fenfe, they are by that Adverb made to fignifie, Impotence or Ineptitude, either AEtive or Paflive.

Though the derivations of Abftracts before-mentioned may ferve well enough for feveral of the following inftances, yet to prevent the ambiguity that may otherwife happen in fome of thefe derivations, it will be proper to make ufe of thefe Particles. We have not actually indeed fuch variety of words as may be futed to thefe notions; but this is from the defect of Language, for the things themfelves are naturally capable of this kind of inflexion.

Power. The firft of thefe may fignifie either
\[
\begin{aligned}
& \text { \{Affirmatively } \\
& \text { §Subftantive, denoting Ability } \\
& \text { \{ Active, to do, Senfitivenefs, Vifivenefs } \\
& \text { \{Paffive, to be done, Senfiblenefs, Vifiblenefs } \\
& \text { QAdjective, or Able } \\
& \left\{\begin{array}{l}
\text { Active, to do, Senfitive, } r \text { jive }
\end{array}\right. \\
& \text { \{Paffive, to be done, Senfible, Vifible } \\
& \text { Negatively } \\
& \text { SSubftantive, denoting Inability } \\
& \text { \{ Active, to do, Infenftivene/s, Invifivemefs } \\
& \text { \{Paffive, to be done, Infenfoblemefs, Imvifibility } \\
& \text { Adjective, or Vnable } \\
& \text { \{Active, to do, Infenfitive, Invifive } \\
& \{\text { Paffive, to be done, Injenfible, Invifible }
\end{aligned}
\]

By this Particle are all thefe common words to be expreft, Capable, Effable, Audible, Acceffzble, Comprehenfible, Evitable, Fallible, \&c. which being compounded with the Negative Particle (in) will fignifie the oppofite, as, Incapable, \&e.

Inthis fenfe, to render a man Unrefponfive, is to Confousd, Poze, Puzzle, Non-plus. A perfon infolutive, or (as we commonly fay) infolvent, is a Bankrupt ; Vnmolkative, is a Cripple; Non-furrective, is Bedrid; Unfattable, is Flue, \&c.

The fecond of thefe may likewife fignifie, either [Affirmatively, whether affixed to

Subftantive, denoting Aptive/s
\{Active, to do, Ameroufnefs, Creduloufnefs
\{Paffive, to be done, Amiablewefs, Crediblenefs
Adjective, Apt
\(\{\) Active, to do, Amorous, Credulous
\(\{\) Paflive, to be done, Amiable, Credible
Negatively, whether affixed to a
\(\left\{\begin{array}{l}\text { Subftantive, Vnaptnefs } \\ \text { \{Active, to do, Vnamoroufnefs, Incredulonfnefs } \\ \text { Paflive, to be done, Unamiablenefs, Incrediblemefs } \\ \text { Adjective, Vnapt }\end{array}\right.\)
\(\left\{\begin{array}{l}\text { Active, to do, Unamonrons, Incredulous } \\ \text { Paffive, to be done, Unamiable, Incredible }\end{array}\right.\)

There are great variety of Integrals, to which thefe notes are applicable. So


There are fome words in our Englifh Tongue which are ufed promilcuoufly, both Actively and Paflively; as Cbangeable, Muutable, Alterable, Pitiful, Fearful, Mortal,\&c. whereby they are liable to miftake, which may be prevented by thefe Particles, being duely apply'd either to a Subftantive or Adjective, Adtive or Paffive, as the fenfe fhall require.

INCEP\&

VI．
2．\(\left\{\begin{array}{l}\text { INCEPTIVE } \\ \text { FREQUENTATIVE }\end{array}\right.\)
Jaceptive．
The firft fignifies the beginning of Actions or Things；which being a kind of Mode or imperfect notion，is therefore fit to be joyned as a fer－ vile and auxiliary．＇Tis commonly expreffed in Englifh，by the word Wax or Grown ；And in Latin（as was obferved before）by the Termi－ Dation \(\int c o\) ，Senefco，Lucefco，Calefco；Wax old，Wax light，Wax bot，\＆c． Thereare in our Language fome peculiar words and phrafes，which do only import this notion，and by this mark will be rendred needlefs and redundant．So
\begin{tabular}{|c|c|c|c|c|c|c|}
\hline \multirow{6}{*}{} & Fire & \multirow{6}{*}{畀} & \multirow[t]{2}{*}{KKindle，Tind， Light} & \multicolumn{2}{|l|}{Poffefs} & \multirow[t]{2}{*}{\(\left[\begin{array}{r}\text { Take Livery } \\ \text { and Seifin }\end{array}\right.\)} \\
\hline & & & & Repent & & \\
\hline & Break & & \begin{tabular}{l}
Crack \\
Encroach
\end{tabular} & \begin{tabular}{l}
Repent \\
Trade．
\end{tabular} & & \｛ Set up \\
\hline & Navigate & & Take Chipping，\({ }^{\frac{3}{2}}\) & Work & 言 & Set to work \\
\hline & & & Launch & Hold & & Take hold \\
\hline & Itinerate Proceed & & \begin{tabular}{l}
Set forth \\
Set forward
\end{tabular} & Effluviate & & Tap，Broach \\
\hline
\end{tabular}

So the word Morning，with this note will fignifie，Dawoning，Day－ Jpring，aurora，Dilhculum；And the word day or night，with this mark will fignifie，Crepafculum，Twilight．

Frequenta－ tive．

The fecond of thefe doth fignifie the repetition or montednefs of Actions，which is fuch 2 kind of fervile notion as the former，and therefore fit to be this way provided for．\({ }^{\circ}\) It is of a very large extent in the ufe of it，being（as the other notion of inceptive likewife is） applicable to moft Verbs；And there are fome words in our Englifh which will by this note be rendred needlefs．So
\begin{tabular}{|c|c|c|c|c|}
\hline \multicolumn{2}{|l|}{\multirow[t]{5}{*}{\(\left\{\begin{array}{l}\text { Drink } \\ \text { Talk } \\ \text { Move in Water } \\ \text { Come } \\ \text { Repeat }\end{array}\right.\)}} & ［Bibble，Tipple & Demand & \\
\hline & & Babble & & Dun \\
\hline & & Dabble & \(\bar{\square}\) Sigh & Sob \\
\hline & & Haunt， Refort & 部 Difappear & Twinckle Glimmer \\
\hline & & Inculcate & Pull Bite & Vellicate Gnaw \\
\hline
\end{tabular}

It may be worthy confideration to enquire，whether the oppofite to each of thefe，viz．Definative and Raritive or feldom，ought not to be particularly provided for in this kind．

\section*{VI. \\ 3. \(\left\{\begin{array}{l}E N D E A V O U R \\ \text { IMPETVS }\end{array}\right.\)}

Both thefe may contribute to the Abbreviating of Language, when they are compounded as ferviles; there being eeveral diftinct words and phrafes, which by fuch compofition will be rendred needlefs, their true notions being fufficiently expreffable by the ufe of thefe Particles.

The firft denotes the Application of a Mans felf tothe doing of any Endeavour. thing. So


The fecond doth denote the particular fit, or fudden violence of imperus. any Action or Thing. So

VII.
1. \(\left\{\begin{array}{l}\text { AVGMENTATIVE } \\ \text { DIMINVTIVE }\end{array}\right.\)

Thefe are of very general comprehenfive ufefulnefs in Language:
The former of them doth properly debote Tranfeendental Great- Augmentanefs, both Extenfive and Intenfive. When it is applyed to Bodies, 'tis of tire. the fame import with thofe ufual words, Great, Huge, Vaft, Main: and is by the Latins often expreffed in Adjectives by the Termination (ofus) whereby they fignifie the notion of Abownding.

When it is applied to 2xalities or ACtions, it denotes Intention of Degrees, being equivalent with thofe Articles, very, much, hard, fore, ftark, found, greatly; Valde, multum, oppido, magnopere, perquam, admodum, vebementer, cumprimis, \&c.

It is applicable likewife by way of Allufion to the Amplitude, Grandewr, and eminency of any thing in its kind, which being a general Metaphor, may therefore fitly and fafely be this way provided for : As the words Man, Phyfician, Alerchant, with the note of Diminutive affixed to them, do fignifie; meannefs and contemptiblenefs: So the fame words with this mark of Augmentative, will denote eminency and confiderablenef, being proper to commend and fet forth any thing for extraordinarinefs in its kind.
1. This mark may be applied to the names of Bodies. So

Thele words

2. It may be applied to fuch names as fignifie Qualities or Actions.


Diminutive. The fecond of thefe being directly oppofite to the firf, is of like extent and ufefulnefs, and will not need any further explication but only by Inftances.
Chap. VII. Concerning \(\mathcal{N}\) (atural Grammar. 345
1. 'Tis applicable to bodies and things. So

2. \({ }^{\circ}\) Tis applicable to. Qualities and Ations. So \({ }^{\text {© }}\)

3. This note may fometimes be applied in a Metaphorical fenfe to Gignific contemptiblenefs or littlenefs of value, as well as littlenefs of bulk. So the word Man with this note may fignifie either Dandiprat, Dwarf, Eff, Zany, Ptgmy ; or elife Scrub, Sorry fellow, Companion, 'Jacke So the word PhyGrian with this note, will fignifie Mountebank, 2 wack: falver, Empyrick: And the word Merchant being fo noted, will lignifie Pedler, Hwchifer, \&c.

\title{
VII. \\ 2. \(\left\{\begin{array}{l}\text { EXCESSIVE } \\ \text { DEFECTIVE }\end{array}\right.\)
}

Excefs.
Thefe are joyned upon account of oppofition, the meaning of each being very obvious.

The former denoting all kind of excefs; Particularly, 1. The riedundant extreme in all Qualities, or Vertues together. 2. With fuch other notions as bear fome kind of Analogy or refemblance to thefe in other things. As likewife, 3. The Nimiety of any Quality or Action
1. Of the firft kind are fuch inftances as thefe. So

2. Of the fecond kind, thefe are fome Inftances. So

3. Of the third kind, there are thefe Inftances. So
\begin{tabular}{|c|c|c|c|c|c|}
\hline \multirow[t]{3}{*}{} & EReem & & Over-value & & \multirow[t]{2}{*}{\[
\left\{\begin{array}{l}
\text { Long } \\
\text { Old }
\end{array}\right.
\]} \\
\hline & Opinionate & & Over-weene & & \\
\hline & Great & & Over-grown & & Extenfion \\
\hline & Load & 3 & Over-charge & 뷸 & Dunging \\
\hline 금 & & E & Surcharge & 5 & Soon \\
\hline 戔 & Adorned & & Gay, Gaudy & \% & Repetition \\
\hline 家 & Sweet & - & Lufcious & \% & \\
\hline & Laugh & & Giggle & & Bak \\
\hline & Haften & & Precipitate. & & Boi \\
\hline & Chide & & [Scold & & Roafted \\
\hline
\end{tabular}
\(\left\{\begin{array}{l}\text { Tedious, prolix } \\ \text { Stale } \\ \text { Sprain } \\ \text { Scowring } \\ \text { Over-foon } \\ \text { Battology, Tau- } \\ \text { tology } \\ \text { Over-baked } \\ \text { Over-boiled } \\ \text { Over-roafted }\end{array}\right.\)

The

\section*{Chap.VII. Concerning \(\mathfrak{P}\) (atural Grammar. \(34 \hat{7}\)}

The mark of Defect is in each particular correfpondent to the Defect. former, denoting either
1. The deficient extreme in all kind Acts, Habits, Vertues, as may be feen by the oppofites to thofe before-mentioned.
\(\left\{\begin{array}{ll}\text { Diligence } \\ \text { Conflderation } \\ \text { Heedfulnefs }\end{array} \quad \begin{array}{l}\text { Idlenefs } \\ \text { Rafhnefs } \\ \text { Carelefnefs }\end{array}\right.\)
2. Some kind of refemblance to this in other things.
\(\left\{\begin{array}{l}\text { Plane } \\ \text { Oblique } \\ \text { Prefent }\end{array} \quad\left\{\begin{array}{l}\text { Valley } \\ \text { Tranfivere } \\ \text { Future, orc. }\end{array}\right.\right.\)
3. The deficiency of a ny Action, or the under-doing of a thing.

Efteem
\(\left\{\begin{array}{l}\text { Opinionate } \\ \text { Great }\end{array}\right.\)
(Under-value
\(\{\) Under-weene
Not fufficiently big, orc.
- rBaked
\(\{\) Under-baked
ZBoyled \(\left\{\begin{array}{l}\text { UAder-boyled. }\end{array}\right.\)

\section*{VII.}
3. \(\left\{\begin{array}{l}P E R F E C T I V E \\ C O R R U P T I V E\end{array}\right.\)

This pair may be of very general ufe for all kind of ACtions and Things.
Befides thofe general notions referring to the meafure and degrees of things in the two former pairs, it may be requifite to provide the like way for expreffing the mazner of them, asto Well or Ill ; Right or Wrong; as it fhould be, as it fhould not be. The firft of thefe is in many Greek words expreffed by the compofition with iv and bsäs, and in Englijh by Well and Right. So

\[
Y_{y 2} \quad \text { The }
\]

\section*{348 \\ Concerning \(\mathcal{N}\) (atural Grammar.}

The fecond of thefe is fometimes expreffed in Englifh by compofition with thofe Particles Dif. or Mif, or Vn. So


This mark may likewife ferve to exprefs the true notion of feveral other words, which are not ufually thus compounded.

VIII.
\[
\text { I. }\left\{\begin{array}{l}
V O I C E \\
L A N G V A G E
\end{array}\right.
\]

The firt of thefe will by its compofition ferve to exprefs thofe reveral words which are ufed for the Voices of divers Animals : ot for the voices that are ufed in expreffing fundry Altions or Affections. So.


\section*{Chap. VII. Concerning \(\mathcal{N}\) (ataral Gransmar. 349}

This note may likewife be applied to fuch kind of voices as belong to reveral affections. So
\(\left\{\begin{array}{l}\text { Grudging } \\ \text { Grief } \\ \text { Anger } \\ \text { Contention } \\ \text { Praife }\end{array}\right.\)
\begin{tabular}{|c|c|}
\hline \multicolumn{2}{|r|}{\multirow[t]{5}{*}{\begin{tabular}{l}
Mutter, grumble, murmur \\
Wail, mourn, moan \\
Chafe, ftorm \\
Brangle, brawl, wrangle \\
Plaudit
\end{tabular}}} \\
\hline & \\
\hline & \\
\hline & \\
\hline & \\
\hline
\end{tabular}

The fecond particular is paired with the former for its affinity to language: it. The proper the of it by its compoftion with the names or characters of feveral Countries or Nations; to exprefs the notion of the Languages fpoken by them. So the Character or word of Englifh, \(\$ p a-\) nifh, French, Italian, German, \&c. with this affix, will determine thefe words to the fignification of thofe Tongues or Languages : And The fame note affixed to the name of any Tribe, may fignifie the Dialect of it. There feems to be leaft neceffity of this Particle; and it might well be fpared, if any more proper could be.thought of, to fupply the place of it.
\[
\begin{aligned}
& \text { VIII. } \\
& 2 .\left\{\begin{array}{l}
\text { AAALE } \\
F E M A L E
\end{array}\right.
\end{aligned}
\]

The fecond pair in this laft Combination is for the diftinction of fuch things as have Sex. And all thofe mames of Animals or Relations, which are diftinguifhable only by their Sex, ought not to have any other diftinction in their appellations but that of their Sex: So that whereas we fay, Ram, Yew, Boar, Sow, \&c. Father, Mother, \$on, Daughter, \&c. It would be mere agreeable to the Philofophy of Speech, if thefe things were to be expreffed a male fieep, a fewrale fieep, a male or female fowine; a male or female Parent or child, \&c.

There marks are applicable
1. To kinds of Animals 3 of which there are fuoh inftances as thefe.

2. To Relations of Perfons; as in thefe inftances. So


\section*{350 \\ Concerning \(\mathcal{V}\)（atural Grammar．Part III．}

3． \(\begin{gathered}\text { VIII．} \\ \text { YOVRG } \\ \text { PART }\end{gathered}\)
By the firft of thefe is meant the young ones or brood of any forts of Animals，for which we have no proper word in Englijh．So
\begin{tabular}{|c|c|c|c|c|c|c|c|c|}
\hline & Horfe & & Colt & al，Filly & & ［Dog & & Puppy，Whelp \\
\hline & Cow & & Calf & ， & & Cat & & Kitlin，Chitt \\
\hline 불 & Deer & 츷 & Fawn & & \％ & Cony & 1 & Kabbet \\
\hline  & Sheep & 易 & Lainb & & & Hare & E & \(L\) \\
\hline \[
\frac{3}{a}
\] & Sheep & 产 & Lid & & \％ & Hen & a． & Chicken \\
\hline  & & n & & & E & & 为 & \\
\hline & Hog
Bear & & Pig & & & \[
\begin{aligned}
& \text { Frog } \\
& \text { Herring }
\end{aligned}
\] & & \({ }^{\text {fadp }}\) \\
\hline
\end{tabular}

Past
By the fecond of thefe may be expreffed fuch kind of names as do comprehend in them the notion of Part，under the feveral relations of 1．Situation．2．Proportion．3．Figure or Colour．4．Vfe．

1．Of the firft kind there are fuch examples as thefe．So


2．Of the fecond are fuch inftances as thefe．
6 A fecond
A fourth
A tenth
\({ }^{5}\) Half
Quarter


And fo a fourth part of a Circle is a Quadrant，a fixth part is a Sex－ tant，ơc．

3．Of the third kind there are fuch inftances as thefe． Hand
Convex Back Concave Palm
Leg Fore Shin Hinder Calf


White White
Yellow Yolk
Off－cut Segment

\section*{}


It may happen fometimes that two of thefe Tranfeendencal Particles thould concur to the compofition of fome words: In which cafe it will be worth confideration, whether it may not be more diftinct to exprefs one of them by an Integral, and the other by in Affix.

It may likewife deferve fome falther inquiry, whether fome of thefe Particles here nominated, may not be fpared to make room for others more ufeful; as particularly thofe fervile general notions of
\{Continuing
2Difcontinuing
\{Permitting
\{Hindering
SFacility
之Difficulty; as likewife, Flower, Fruits, Difeafe, éfo
I have been fomewhat the longer in treating concerning thefe Tranfcendental Particles; becaufe being for the moft part new, and not all of them ufed in any one Language, they do thereupon ftand in greater need of being more particularly and fully explained and difcuffed.

I have now done with the firft part of Etymology ; namely, concerning the formal differences or kinds of words, whether \{Integrals \{Particles.

\section*{CHAP. VIII.}

Of the Accidental Difference of words. I. Inflexion. II. Dirivation. III. Compofition.

THE next thing to be treated of, is concerning the Accidenital Differences of words; and amongt thefe
1. Concerning the Imflexiow of them, which doth confift in the feveral ways of varying the fame pord to fundry modes of fignification. This is not arbitrary, as it Is ufed in feveral Languages; much lefs thould the rules to this purpore, which belong to the Latins be applied to Vulgar Tongues, to which they are not fuited (as many Grammarians ufe to do) but it ought to be founded upon the Philofophy of fpeech and fuch Natural grounds, as do neceffarily, belong to Language.

Integral words are all capable of Infexion.
- I. Noun Subfantives are inflcted in a threefold refpect.

1: By Number, Singwral and Plural, which being more Intrinfecal to them, ought to be provided for in the Character or word it felf, and not by an Affix.
2. By Geider, in things that are capable of sex, which are naturally but two, Mafculime and Feminime: Thefe being lefs Intrinfical to the primary notion of the word, may be more properly expreffed by affixes; and then the kind or fpecies of every Animal (abitractedly from the refpettive Sexes of it) ray be fignifyed by the Radical word it felf, without any lign of Sex, which will prevent much equivocalnefs.
3. By Cajes, which is not to effential atid natural to Subftantives, as to be provided for in the word it felf, by varying the Terminations of it ; For though this courfe hath been ufed in the Greek and Latio: yet neither do the Oriental' Tongues, Hebrew, Cbaldec, Arabic, \&zc. nor thofe Occidental of Fremch, Italian, spanifb; nor I think doth any Modern Tongue in the world this way exprefs them.

The true notion of the Nominative Cafe, is that which precedes the Verb, and the Accufative; that which follews the Verb; of which in fpeech that is fuited to natural Structure and Syntax, there ought to be no other fign or note then the very order. As for the Genitive Cafe, the proper notion of that, is its following another Subftantive in regimine: But becaufe the following Subftantive is not always governed by that which precedes 5 as Urbs Roma, Rbemus Fluvius, Taxws arbor, \& \&c. therefore tis proper to have a Particle or Prepofition for it, as our Engliß (Of) and (De) in the French, Italian, Spamiß, which was treated of before. The Dative Cafe is expreffed by the Prepofition (TO) the Vocative by the Interjection of befpeaking ( 0 ) and the Ablative Cafe by fuch a Prepofition as denotes Formal or Inftrumental caufe, or manner of Doing. So that the true notion of the Gemitive, Dative, Ablative Cafe, is nothing elfe but that obliquity in the fence of a Subftantive, which is caufed and fignifyed by.fome Prepofition annexed to it, as the Eocative is by an Interjection.

\section*{Chap. VIII. Concerning \(\mathcal{D}\)-atural Grammar.}

And befides thefe three ways of Inflexion, I have thewed before how Subftantives are capable likewife of ACtive and Paffive voice, and of Tenfes.

Noun Adjctives need not have any note to exprefs Number, Geìder, Cafe, becaufe in all thefe they agree with their Subftantives; unlefs fuch Adjectives as are ufed Subftantively, by reafon of their compofition with the Tranfeendental marks of Perfoin, Thing, Time, Place, \&c. In which cafe they have the fame kinds of Inflexion with Subftantives. But there is belonging to them,
1. A tranfverfe Inflexion by degrees of Comparifon, which may be beft denoted by the.extrinfical aftixes of more, moft; lefs, leaft.
2. An Inflexion by Voice AZZive and Palfive, which makes them of the fame nature with thofe.words which we call Participles.
3. An Inflexion by Temfes. And though ufually in the Latin there are but two Tenfes, viz. Prefent and Future, in each voice of the Participle, Amans, Legens: Amaturus, Lecturus: Amatus, Lectus : . Amandus, Legendus : excepting in fome few words, Sequens;' sequxtus, Sequuturus; Gandens, Gavifus, Gavifurus: and of Cenatum, which is ufed promifcuoully both Actively and Paffively ; yet this is a defect in the Latin Tongue: Eor the natural notion doth render Participles as well capable of the Preter Tenfe; and accordingly the
 that beats, he that hath beaten, he that will beat; he that is beaten, he that hath been beaten, he that will be beaten. The like would have been in.Latin, if the Philofophy of Speech had been as well obferved in the Intitution of that Language.

Derived Adverbs are capable of Inflexion by degrees of Comparifon.
Amongft the Particles, there are only two that are capable of Inflexion; viz. the Copula, and Pronouns.

The Copula is inflected by Mode and by Teine; which I have fuffici- chap. 5. ently explained before: Only 'tis here to be noted, that befides thofe definite notions of time paft, prefent, and to come, there is likewife Tempus Aorifticum, or indefinite time; and that whenever the Copula is ufed in materia, necelfaria, it ought to be underftood as being indeterminate to any of thofe differences of time. So for fuch fayings; Home eft animal, Dews vivit, \&c. there is no kind of time, whether paft, prefent, or future, wherein thefe fayings are not equally true; fo that the fenfe of fuch fayings is eft, fuit, erit; vivit, vixit, vivet. And therefore it would be convenient to make fome diftinction for expreffing this indefinite time.

Pronown Substantives are inflected by Nuspber and Gender, and by Cafe, as Noun Subftantives are; befides that kind of improper Inflection, whereby they are made Poßelfives; which is rather a kind of Derivation, and reduplicative, which conffifs only in the doubling of them for the greater Emphafis.

The other Particles are not capable of Inflexion, becaufe they do not denote any ESenci or \(A C F\), which is capable of feveral modes or refpects, as Integrals,and two of the Particles do : but only the Circumfiances or Modifications of other words; and therefore may be ftilled. indeclinable or invariable.

As to Derivation, there ought naturally to be but one kind of Root, from which the feveral differences of Integrals fhould be derived; and this fhould be a Noun Subfantive which fignifies the Ibing, or the Efence. If it be a Noun Subftantive Neuter; then the firft branches of it are Subftantives Active and Paffive; after which fucceed the Adjecives belonging to each of them, and then the Adverbs, which denote the Quality or Manner of being or doing. All which belong to one branch. Another branch is the Subftantives AbSIract, which have

As to the laft accidental difference of words, viz. Compofition. 'Tis to be noted, that the words of a Philofophical Language flould be fo futed unto natural notions, that there fhould be little need of other compofitions, befides thofe by Prepofitions, Adverbs, and Tranfcendental Particles. But if this were defired for greater elegance. and copioufnefs of Speech, it thould be capable of any compofition whatfoever, which may be fignified in writing by fome Hypben or mark of Union, to joyn the words compounded; and in Speech by pronouncing them together as one word, without changing the nature of either. So the word Idolatry is Idol-worfbip, \&c.

\section*{CHAP. IX.}

\section*{Of the fecond part of Grammar called Sjntax.}

A\(S\) the firft part of Grammar doth treat concerning the nature and differenoes of particular words: So the fecond part of Grammar filed Syntax, doth concern the proper way of Union or right Conftruction of words, into Propofitions, or continued Speech. And this may. be diftinguifhed into two kinds. I. That which is Cuffomary and figurative: or 2 . That which is Natural and regular.
1. That fructure may be fited Cuffomary and figurative, which is \(^{2}\) ufed in the Pbrafeologies or forms of Speech, peculiar to feveral Languages, wherein words are put together according to a Metaphorical and tralatitious fenfe of them; as in thofe Latin Phrafes, Redigere in ordinem, which figoifies, Privare magiftratu; \(E\) medio tollere, for \(\boldsymbol{\theta} \boldsymbol{c}\) cidere. And fo for thofe Englifh Phrafes of Breaking a jeft, Hedging in a Debt, Taking ones heels and flying away, Being brought to bed, Lying in, Being in Labour or Travail, orc. All which ought to be rendred according to the natural fenfe and meaning intended by thofe Phrafes; which is obferved in the regular Tranflation of any Language. And he that would go about to render fuch forms of Speech, according to the ftrict and natural fenfe of the words, could not reafonably expect to be underttood in any other Language.
But befides thefe kind of Metaphors which are peculiar to fome Tongues, there are others of a more general ufe, which may be well enough retained in a Philofophical Language.
2. That

\section*{Chap.IX. Concerning \(\mathcal{N}\) (atural Grammar.}
2. That Itructure may be called Regular,' which is according to the natural fenfe and order of the words.

The General Rule for this order amongt Integrals is, That which governs thould precede; The Nominative Cafe before the Verb, and the Accufative after; The Subftantive before the Adjective: Only Adjective Pronouns being Particles and affixed, may without inconvenience be put indifferently either before or after. Derived Adverbs fhould follow that which is called the Verb, as denoting the quality or manner of the Ad.

As for the Grammatical Particles, thofe which ferve for the Inflexion or Compofition of words thould naturally precede; and fo likewife Ihould orher Adverbs, and Prepofitions.

Tranfcendental Particles are to be joyned in compofition at the ends of words, to vary their termination.

Befides the order required in Syntax, fomething ought to be fubjoyned concerning the Quantity of Vowels or Syllables, together with the feveral diftinctions or interpundions to be obferved betwixt words and fentences.

As for that part ufually treated of in inftituted Grammars, ftiled Profodia, concerning the quantity of. Vowels, there needs not any thing to be faid unto that here; becaufe in a Philofophical Language every Vowel is fuppofed to be in the writing fufficiently diftinguifhed in this refpect; every long Vowel having a note or mark to fignifie its prolation.

The exprefling of any one fyllable in a word, with a little bigher turse, and longer time then others, is to be expreft by an accent; as in the words, Consènr, Contrive, Compòse, Hàving, Wirdom, Fortune, Pròfit, Pàrentage, Prìvilege, Consìder, Detèrmine, ơc.

The diftinctions to be obferved betwixt words and fentences, may refer either to I . The time; or 2 . The manker of pronowncing.
1. The firlt concerns thofe Paufes or intervals of reft to be obferved in Pronouncing, which were anciently diftinguifhed into three kinds; namely, Comma, Colon, Period. The firft of thefe being marked with a point by the middle of the Letter; The fecond at the top ; The laft at the bottom. Unto thefe, later times have eadded two others; namely, 2 mark to fignifie fomething intermediate betwixt Commen and Colon, ftiled Semicolon; and fomething more then a full point, which is ufually expreft by a greater diftance betwixt the words, or by a Breach in the line.

The ufe of thefe Points is to direct what kind of paufe is to be obferved, and how the tenor or tone of the voice is either to be continued or to fall.
2. The manner of pronouncing words doth fometimes give them a different fenfe and meaning, and Writing being the Picture or lmage of Speech, ought to be adapted unto all the material circumftances of it, and confequently muft have fome marks to denote thefe various manners of Pronunciation; which may be lufficiently done by thefe feven kinds of marks or Interpunctions.
\[
\mathrm{Zz}_{2} \text {, 1: Parenthefis. }
\]
1. Parentbefis.
2. Parathefis, or Expofition.
3. Erotefis, of Interrogation.
4. Ecphonefis, Exclamation or wonder.
5. Emphafis.
6. Irony.
7. Hyphes.
1. Parenthefis ferves for the diftinction of fuch an additional part of a fentence as is not neceffary to perfect the fenfe of it, and is ufually expreffed in our Weftern Languages by the inclofing of fuch words betwixt two curve lines ()
2. Parathefis, or Expofition, is ufed for diftinction of fuch words as are added by way of explication of fomething preceding, and is ufually exprefled by inclofing fuch words between two angular lines; 25 []
3. Erotefis, or Interrogation, is a kind of Period for the diftinction of fuch fentences as are propofed by way of Queftion, and is ufually thus marked ?
4. Eaphonefis, or Wonder and Exclamation, is a note of direction for raifing the tone, upon occafion of fuch words as denote fome vehement paffion, and is noted thus !
5. Emphafis is ufed for the diftinction of fuch word or words, wherein the force of the fenfe doth more peculiarly confift, and is ufually expreffed by putting fuch words into another kind of CharaCter, as fuppofe the Italic.
6. Iromy is for the diftinction of the meaning and intention of any words, when they are to be underftood by way of Sarcafn or fcoff, or in a contrary fenfe to that which they naturally fignifie: And though there be not (for ought I know) any note defigned for this in any of the Inftituted Languages, yet that is from their deficiency and imperfection : For if the chief force ofIronies do confift in Pronunciation, it will plainly follow, that there ought to be fome mark for direction, when things are to be fo pronounced.
7. Hypben is a note that fignifies the uniting of two fyllables or words into one, and may.properly be ufed when two words are to be compounded together: It is ufually expreffed by two little ftrokes, thus (: )
Chap. X. Concerning \(\mathcal{X}\) atural Grammar. 357

\author{
CHAP. X.
}

Of Orthograplyy. I. Concerning the doEFrine of Letters: the Aut bors wobo bave treated of this Subject. II. A brief Table of fuch fimple founds as can be framed by men. 1III. A further explication of this Table, as oo the Organs of Speech, and as to the letters framed by thefe Organs.

ORtbography is that part of Grammar, which concerns the doctrine \(\$ \mathrm{I}\). of Letters, which being the moft fimple Elements of speech, it ought therefore to be fo ftated, that there may be a fufficient number of them to exprefs all Articulate founds, and not more then are neceffary to this end. Much confideration is requifite to the right eftablifhment of thefe; upon which account this fubject hath been largely debated, by feveral Authors of great names and reputation for Learning : Béfides thofe Famous Emperours, Cajns Cafar, and octavies Anguftus, who both writ upon this fubject: Varre likewife, and Appion, and quintilian, and prijcian, did beftow much pains upon the fame enquiry, concerning the juft number of Letters. And in later times, it hath been treated of with great variety of Opinions, by Erafmus, both the Scaligers, Lìpfus, Salmafins, Volfins; Facobus Matthias, Adolphus Met kerchws, Beriserdws Malinchot, \&ce. Befide feveral of our own Country-men, Sir Thomar Smith, Bullokar, Alexander Gill, and Doctor Wallis; the laft of whom, amongit aill that I have feen publifhed, feerns to me, with greateft Accuratenefsand fubtlety to have confidered the Philofophy of Articulate founds. But befides fuch (whofe confiderations upon this fubject are made publick) I muft not forget to acknowledgethe favour and good hap I have had, to perufe from their private Fapers, the diftinct Theories of fome Dr. William other Learned and Ingenious perfons, who have with grear judgment Molder: Lodowick. applyed their thoughts to this enquiry 3 it each of whole Pa pers, there are feveral fuggeftions that are new, out of the commort rode, and very confiderable.

Letters may be confide- \(\left\{\begin{array}{l}\text { Efince } \\ \text { Accidents }\left\{\begin{array}{l}\text { Names } \\ \text { Order } \\ \text { Affinity } \\ \text { Pigure } \\ \text { Pronunciation }\end{array}\right.\end{array}\right.\)
The Efence of Letters doth confift in their Power or proper found, which may be naturally fixed and ftated, from the manner of forming them by the inftruments of fpeech; and cither is, or fhould be the fame in all Languages.

What variety there is of thefe, may appear from the Diftribution of them into their feveral kinds, according to the following Table; wherein it is endeavoured and aimed at, to give a rational account of all the fimple founds that are, or can be framed by the mouths of men.

358 Concerning \(\mathcal{X}\) (atural Grammar. Part III.


\section*{Chap. X. Concerning \(\mathcal{N}\) (atural Grammar. \(\cdot\)}

For the better explication of this Table, there are the fe two \(\$\) III. things to be confidered : 1. The Causes of theft Letters. 2. The Letters themfelves.
1. In the Causes of Letters there are observable

The Organs by which they are formed, either more
\(\left\{\begin{array}{l}\text { Common; Lungs, Throat, Mouth, Nofe. }\end{array}\right.\)
\(\{\) Peculiar.
Palfive
\[
\begin{aligned}
& \text { Palate; according to the } \begin{array}{l}
\text { Inmoft or middle } \\
\text { poremoft } \\
\text { parts } \\
\text { Teeth; either the }
\end{array} .
\end{aligned}
\]
r Root or inner gums Top
Lip \(\left\{\begin{array}{l}\text { Upper } \\ \text { Lower }\end{array}\right.\)
LACtive; whether the \(\left\{\begin{array}{l}\text { Tongue; according to the } \\ \left\{\begin{array}{l}\text { Root or middle } \\ \text { Top }\end{array}\right. \\ \text { Lips }\end{array}\right.\)
The Actions of thee Organs, whether by
Appulse; of the
Lips; either
\(\{\) To one another
\{To the tops of the teeth
Tongue; in respect of the
\(\left\{\begin{array}{l}\text { Top of it } ; \text { to the Teeth, } \\ \text { their }\end{array}\left\{\begin{array}{l}\text { Tops } \\ \text { Roots or gums }\end{array}\right.\right.\)
(Root or middle of it, to the Palate
Trepidation, or vibration; either of the
\(\left\{\begin{array}{l}\text { Lips }\end{array}\right.\)
\(\left\{\begin{array}{l}\text { Tongue } ; \text { whether }\left\{\begin{array}{l}\text { Top } \\ \text { Root }\end{array}\right.\end{array}\right.\)
Percolation of the breath, between the
\(\{\) Lips contracted
Tongue; either the
\(\left\{\begin{array}{l}\text { Top of it, applied to }\left\{\begin{array}{l}\text { Tops } \\ \text { theots }\end{array} \text { of the Teeth }\right.\end{array}\right.\)
R root or middle of it, applied to the inward palate.
There I conceive to be all the kinds of Actions and Configurations which the organs are capable of, in order to Speech.

What kind of Letters are framed by thee, will appear in the next Table.

All fimple letters may be diftinguifhed into fuch as are; either
Apert and free, according to degrees
[Greater ; ftiled moft properly Vomels, which may be diftinguilhed into
[Labial, being framed by an emiffion of the breath through the Lips contracted,
\(\{\) Lefs. (O)
\(\{\) shore, with the help of the Tongue put into a concave pofture long ways, the Whiftling or French (U)
Lingual; the breath being emitted, when the Tongue is put into a pofture .
§ More concave, and removed at fome diftance from the palate (a).
Lefs concave or plain, and brought nearer the palate (a)
Somewhat convex towards the palate (e)
Leßer; being either
Sonorous; of which it may be faid, that they do fomewhat approach to the nature of Confonants; andare mediepoteftatis; becaufe when they are joyned with any Vowel to compofe that which we call a Dipthong, they put on the nature of confonants; and when they are not fo joyned, but ufed fingly, they retain the nature of Vowels, which is the reafon why it hath been fo much difputed amongft fome Learned Men, whether they are to be reckoned amongft Vowels or Consonants.
Thefe may be diftinguilhed into
[Labial ; by an emiflion of the breath through the Lips, more Contracted (y)
Lingual; when the breath is emitted betwixt the middle of the Tongue in a more Convex pofture, and the palate ( \({ }^{\circ}\) )
Guttural; by a free emiffion of the breath from the Throat ( \(y\) )
LMute; When the breath is emitted through the Organs of fpeech, being in the fame pofition as before : but without voice, to be dintinguifhed as their three preceding correfpondents, isto
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{Labial (by) or (gb)
Lingual (bi)
Gnttural.(b)

```

Intercepted and fhut ; according to degrees
LLefer; which becaufe they have fomething Vowelinh in them, are therefore by fome fiyled Semizowels, being firitous.and breathed, whether
LLabial'; being pronounced through the
[Month; by
Appulfe of either lip to the oppofite teeth, framing
SV. Sonorous 2F. Mute
Trepidation of the Lips, like that found which is ufed in the driving of Cows, to which ahere is a correfpon-

\section*{Chap. X. Concerning \(\mathcal{X}\) atural Grammar.}
dent mute, fometimes ufed as an Interjection of difdain.
Percolation of the breath, betwist both the Lips contracted round-wife, which makes the vocal whiftling found, to which likewife there is a correfpondent mute whiftling: But neither of thefe two laft pairs being of ufe in Language, they need not therefore have any Marks or Letters affigned to them.
N Nofebby an appulfe; either of the Lips againft one another : or againft the top of thes M. Sonorous.

Teeth, framing HM. Mute.
LLingual; either in refpect of the
[Top of the Tongue; being pronounced through the Mouth; by
[Appulfe, of the top of the Tongue, to the
Top of the Teeth; ;he breath being emitted through the middle of the
Mouth, fra- \({ }^{\text {D }}\) Dh fonorous: ming Th mute.

\section*{Formoff part of the Palate; the breath being emit-} through the

Corners of the mouth, \(\{\mathbf{L}\) fonorous. framing 2 H 1 mute.
Trepidation or Vibration ; againft the inmoft part of of the Palate, SR. fonorous.
framing \(H R\). mute.
Percolation of the breath; between the top of the the Tongue, and the roots of the Teeth, whether more

> S Subtle, fra- \(\{\) Z. fonorous. \{ ming S . mute. (Denfe, fra- \(\mathrm{Z}_{\mathrm{Z}} \mathrm{h}\). fonorous. ming Sh: mute.

Nofe; by an appulfe of the top of the Tongue to the roots of the Teeth, \(\{\mathbb{N}\). fonorous.
framing HN . mute.
LRoot or middle of the Tougne; being pron8unced through the
[Moutb; by
[Appulfe; to the inward Palate, Gh. fonorous. framing: Ch. mute.
Trepidation; which will frame a found like the farling of a dog, to which there is a correfpondent mute, like that motion which we make in haaking, not neceflary to be provided for by any Letter for Language.
Percolation of the breath between the root of the tongue and the inward palate'; to, which there is a correfpondent mute, which makes a found like the hiffing of a Goofe, not neceffary to be provided for by any mark affigned to them for Letters.
Nofe; by an appulfe of the root of the tongue to the inward
palate, fra- \(\{\) NG fonorous. ming 2 NGH . mute.
Greater; thich do moft partake of the nature of Confonants, and may be ftiled non-fpiritous or breathlefs, to be diftinguifhed according to the active inftruments offpeechjnto
SLabial; Intercepting of the breath by clofure of the Lips, framing \(\left\{\begin{array}{l}\mathrm{B} . \text { fonorous. } \\ \mathbf{P},\end{array}\right.\)
P. mute.

LLingual; in refpect of the
Top, intercepting the breath, by an appule to the bottom of the Teeth, fra-s D. fonorous.
ming \(T_{\text {, mute. }}\)
Root ; intercepting the breath, by an appulfe to the inmoft pa-
late; fra-s G. fonorous.
ming \(C\), mute.
Thefe I conceive (fo far as I can judge at prefent) to be all the fimple founds that can be framed by the Organs of Speech.

\author{
CHAP.
}

\author{
CH A P. XI. \\ of Vowels.
}

THofe Letters are called Vocales, Vowels, in pronouncing of which by the Inftruments of Speech, the breath is fr eely emitted; and they are therefore filed Apert or open Letters. Thefe may be diftingwibbed either, I. Formally, by their feveral Apertions, and the manner of configuration in the inftruments of Speech required to the framing of them, which conftitutes the diftinct fpecies of Vowels; or 2. Accidentally, by the quantity of time required to their prolation, by which the fame Vowel is made either long or fort.

There are (I conceive) eight fimple different fpecies of Vowels, eafily diftinguithable, whofe powers are commonly ufed. I cannot deny, but that fome other intermediate founds might be found ; but they would, by reafon of their proximity tothofe others, prove of fo difficult diftinction, as would rendefthem ufelefs; thefe eight feeming to be the principal and moft remarkable periods, amongt the degrees of Apert founds.

As for the third of the Labials, the \(n\) Gallicums, or wobifling \(n\), though it cannot be denied to be a diftinct fimple vowel; yet it is of fo laborious and difficult pronunciation to all thofe Nations amonglt whom it is not ufed (as to the Englifh) efpecially in the diftinction of long and Chort, and framing of Dipthongs, that though I have enumerated it with the reft, and fhall make provifion for the expreflion of it, yet fhall I make lefs ufe of it, than of the others 5 and for that reafon, not proceed to any further explication of it.

It will be difficult to exprefs the feveral powers of thefe Vowels by writing; Pronuntiation being fuch a thing, quee nec fcribitur, nec pin- Lipfiw de reed. gitur, mec hauriri eampas eft, nifi viva voce. And therefore the beft Pronnntiatione way for the explaining of them, is by fuch known words as may be L. Lat. cap. 3. given for the inftance of each of them. • And as for the figure or writing of thofe four, which are not commonly efteemed to be diftinct fpecies of Vowels, I fhall make choice to reprefent them by fach Characters, as may feem leaft Atrange. What kind of power or found that is, which is peculiar to each of thefe feven Vowels, may be eafily underftood by thefe following Inftances:
\begin{tabular}{|c|c|c|c|c|c|c|}
\hline Short & Böt-tom & Fol-ly & Fot & Mot & Pol & Rod \\
\hline \({ }^{2}\) LLong & Bought & Fall & Fought & & Paule & Rawd \\
\hline 2 Short & Batt & Val-ley & Fatt & Mat & Pal & Rad-nor \\
\hline 2. Long & Bate & Vale & Fate & Mate & Pale & TRade \\
\hline e Short & Bett & Fell & Fet & Met & Pell & Red \\
\hline \{Long & Beate & Veale & Feate & Meate & .Peale & Reade \\
\hline i Short & Bitt & Fill & Fitt & Mit-tek & Pill & Rid \\
\hline \{Long & Beete & Feele & Feete & Meete & Peele & Reede \\
\hline o \(\left\{\begin{array}{l}\text { Short } \\ \text { Long }\end{array}\right.\) & Bote & Foale & Vot & Mote & Pole & Rode \\
\hline Short & & Full & Fut & & Pul & \\
\hline \{ Long & Boote & Foole & Foote & Moote & Poole & Roode \\
\hline Short & But & Full & Futt & Mutt-on & Pull & Rudd-er \\
\hline \{Long & & & \[
\text { A a a. } 2
\] & & & Amongit \\
\hline
\end{tabular}

Amongtt thefe, the Vowels not commonly owned by us in writing, are thefe four, \(\alpha .1 .8 . y\). But that they are diftinct fecies of Vowels, and have peculiar powers of their own, not expreflible by any other Letters, (fuppofing every Letter(as it ought) to be determined to one particular found) may fufficiently appear from the above mentioned, and feveral other Inftances. And that thofe two which are commonly ufed with us for diftinct Vowels; namely, the third and the fifth, \(I\), and \(V_{\text {; }}\) as in the words Light, Lute, are not fimple Vowals, but Dipthongs, I hall hew afterwards.

Though the Vowel (0) do not admit of any inftance in our Language, wherein it is ufed short, nor the Vowel ( \(\mathbf{y}\) ) wherein it is ufed Long; yet there are naturally fuch differences of thefe Vowels, as well as of the reft. Suppofe a long Vowel to be divided into two parts; as Bo-ote, pronounce it then with half the time, and it muft make the fhort Vowel Bote. And thus on the contrary, doubling the time of a fhort Vowel, as By-yt, will render it Loug: which may ferve to explain how thefe Vowels naturalty are capable of being made both long and fhort; Though by reafon of general difufe amongtt us, fuch differences would at firlt feem fomewhat difficult, and not eafily diftinguifhable.

The Vowel ( \(\alpha\) ) is placed firft ; partly partly in conformity with other Alphabets, and becaufe tis the molt Apert amongft the Linguapalatal Vowels. 'Tis expreffed by this Character, becaufe being one of the Greek Letters, 'tis more commonly known. 'Tis framed by an emiffion of the Breath, betwixt the Tongue and the Palate; the tongue being put into a more concave polture, and removed further off from the palate.

The Vowel (a) is framed by an emiffion of the Breath, betwixt the tongue and the concave of the palate; the upper fuperficies of the tongue being rendered lefs concave, and at a lefs diftance from the par: late.

The Vowel (e) is framed by an emiffion of the Breath, betwixt the tongue and the concave of the palate, the upper fuperficies of the tongue being brought to fome fmall degree of convexity.

The Vowel (،) is ex preffed by this Character, becaufe 'tis the meft fimple figure; and therefore doth beft fuit with the moft acute Letter; as likewife, becaufe this Letter, amonglt many other Nations is already ufed and pronounced according to the found which is here intended. 'Tis framed by an emiffion of the Breath betwixt the tongue and the concave of the palate, the upper fuperficies of the tongue being put into 2 more convex pofure, and thruft up near the palate.

The Vowel ( 0 ) is the firft, and moft apert of the Labials; being framed by an emiffion of the Breath, betwixt the Lips, a little drawn together and contracted.

The Vowel ( \((\mathrm{y}\) ) is the fecond of the Labials, requiring a greater contraction of the Lips. 'Tis expreffed by this Character, which is ufed in Greek for ou Dipthong; becaufe commonly that Dipthong, as alfo the French on is pronounced in the found of this fimple Vowel.

The Vowel ( y ) is wholly Guttural, being an emifion of the breath from the throat, without any particular motion of the songue or lipse \({ }^{\prime}\) Tis expreffed by this Cha racter which is already appropriated by the Welh for the picture of this found.

The

\section*{Chap. XI. Concerning \(\mathcal{N}\) atural Grammar. 365}

The difference betwixt long and fhort Vowels, fhould alwaies be written as well as pronounced, that is, there fhould be fome Note or Mark to exprefs when a Vowel is to be ufed long.

Thefe eight Letters before enumerated, I conceive to be fo many diftinct Species of Vowels, formally different in refpect of their Powers; and though I cannat at prefent think of any other befides, yet having formerly, upon new confiderations, and fuggeftions, fo often changed my thoughts upon this enquiry, I dare not be dogmatical about it, or affert confidently, that there neither are, nor can be any more:For who knows how many other minute differences of Apertion may be now ufed, or hereafter found out, by others, which practife and cuftom may make as eafie and diftinguifhable to them, as thefe are to us? Befides that the meafure of Apertion (as is well obferved) muft be like continued quantity, divifibilis in infinitum. Only this (I think) may be fafely affirmed, that the eftablifhment of Vowels here mentioned, will ferve much better to exprefs all articulate founds, than can be done by any of the ordinary Alphabets now in ufe.

1 cannot but animadvert here on the by, upon that Argument which Capellus, and others do much infift upon, againft the Antiquity of the Helrew Points, or Vowels; Becaufe (fay they) the making of fo many, is an injudicious, and irrational invention, for which there is no real ground; there being in nature, and amonght other Languages, but five diftinct Vowels, and not fourteen: And therefore they conclude the Invention of them to be new, and not of any great Antiqui\(t y\).

To fpeak freely in this cafe (without interpofing as to the main ftate of the Queftion) This Reafon doth not feem to be of any force. Though the Conclufion they infer fhould be true, yet this Argument urged for it, is falfe, both as to the Confequence, and Antecedent. The Imperfections and Defects of any Invention, do rather argue the Antiquity, than the Novelty of it ; there being much time and experience required to the perfecting any invention: And it would rather follow, that becaufe they are imperfect, therefore are they more like to be Ancient. But befides, the Hebrew Vowels will upon confideration, be found to be a contrivance full of more than ordinary Accuratenefs, founded upon the Philofophy of Articulate founds, and may without any force be applied to the number here eftablifhed: Except* ing the French (u).


And though there be no diftinct Character for \(r\) Chort, and \(y\) long, perhaps that Language as well as the Englifh feldom ufing fuch diftinAtion in thofe founds; yet is (1) fometimes in that Language ufed in ftead of a hort Vowel, and ( \(\underset{\text { ) }}{ }\) for a long Vowel.

The ufe of Scheva in the Hebrew, is to direct the joyning of fuch Confonants together, as would otherwife be of very difficult, pronunciation, and not eafily unite, as in the words and ant whith when thould

Thould be pronounced Imodh and mloch, but becaufe LM and ML, will not of themfelves coalefce, therefore is Schevab interpofed, which being rapidly pronounced (and that probably as our fhort \(y\) ) does not feem to make any diftinct Syllable.

So that it feems much more colourable to infer the Novelty of the Hebrew Points, from the Accuratemefs, than from the injudicioufnefs of their contrivance.

\section*{CHAP. XII. \\ Of Confonants.}

THofe Lettersare ftiled Confomants, in the pronouncing of which the Breath is intercepted, by fome Collifion or Clofure,amongft the Inftruments of Speech: And for this reafon are they ftiled Claufe Litere, as the Vowels are Apertc.

The common diftinction of thefé into semi-vowels and sawtes, will not upon a feria enquiry be adxquate. And therefore I do rather chufe to diftribute them into thefe three kinds;
- 1. тrevealódu, Spiritous, or Breathed.
2. inisusua, (if I may ufe that word) Semi- fpiritous, or half Breathed.
3. a \(\quad\) rroipala, Non-fpiritous, or Breathlefs.
1. By spiritous, or Breathed, are meant fuch Confonants, as require to the framing of them a more ftrong emiffion of the Breath, either throughs Nofe. the Mouth.
1. The Confonants which are to be breathed only through the Nofe, may be again diftin- \(\{1\). Sonorous, as M. N. Ng.
guifted into 2. Mute, as hm. hn. hng.
Both thefe kinds, as likewife thofe that follow through the Mouth, have fome imperfect found of their own, without the joyning of any Vowel with them; though the fonorous only be Vocal; and the mute fort are only a kind of Whifper.

By Sonorous, are meant, fuch as require fome voice or vocal found, to the framing of them.
By the Mutes of thefe, are meant other Letters of the fame configuration, pronounced with a ftreng emiffion of the Breath, without any Vocal found.
(m) is mugitus, the natural found of Lowing, when the Lips are fhut, and the found proceeds out of the Nofe. 'Tis counted of difficult pronunciation in the end of words: For which reafon, the Latin Poets cut it off in Verfe, when it comes before a Vowel in the next words: And the Greeks do not terminate any word with it.
( N ) is Timnitus, when the breath is fent out, the Limbus of the Tongue being fixed towards the Gums, or bottoun of the upper Foreteeth. In the pronouncing of this, the breath is emitted only out of the Nofe, which makes it differ from (L). 'Tis counted a pleafant and eafie

\section*{Chap. XII. Concerning \(\mathcal{D}\) (atural Grammar.}
eafie Letter, which may perhaps be the reafon why this Letter \(N\), and \(L\), and \(R\), are for the moft part, both in Greek and Latin immutable, both in Declenfions and Conjugations.
( Ng ) is framed by an appulfe of the Root of the Tongue towards the inner part of the Palat. The found of it may be continued fimple, as well as any other; which makes it evident to be a fingle letter, and not a compound of \(n\), and \(g\), as we ufually write it : Thus the word Anguis, in the true fpelling of it, fhould be writ A, ng, \(\mathbf{G}, \mathrm{r}, 1\), s. The Hebrew \(y\) is fuppofed by divers Authors, but I think gronndlefly, to be of this power., I know feveral things may befaid, to render it probable, that the power here intended, may be fumiciently expreffed, by a more foft and llight manner of pronouncing the letters N\& G compounded together : But I rather incline to reckon it a fimple and diftind Letter.

To the Sonorous letters of this kind, there are three Mutes of affinity, ban, \(b n\), bug; which are formed when the breath is emitted through the Inftruments of Speech, in the fame pofition refpectively as in the former, but without any Vocal Sound. The two firf of thefe are in ufe amongft the \(W e l f\) and Irib: And the laft of them, in the opinion of Bellarmine, and fome other Grammarians, is rather the true found of the Hebrew \(y\).
2. The Spiritous Confonants to be breathed through the Mouth, are likewife of \(\{\) Sonorous, V.Dh.L.R.Z.Zh.
two kinds, \(\{\) Mute, F.Th. hL. hR. S. Sh.
\((V)\) is the fame with that which we call V Confonant : 'Tis of the fame power which is commonly afcribed to B afperated, or rather incraffated. So the Weftern Jews pronounce their Letter (J) when not Dagefhated. And 'tis obferved that in Ancient Monuments amongtt the Latins, thefe two Letters have been often put for one another : And that in fome words, where the fenfe hath been very much varied scaligerde by this change; fo Acerbus for Acervus : Veneficium for Beneficium canfis L. L. The power of this Letter was firft expreffed among the Latins by the \({ }^{\text {cap. } 28 .}\) Digamma 无olicum, ( 5 ) (fo ftiled for its Figure, not its Sound) which is now the Character for the Letter ( \(F\) ) but had at firft the power of the Confonant ( \(V\) ) and was written in Clawdies his time invertedly, as
 or percolation of the Breath, through a Chink between the lower lip and upper teeth, with fome kind of Marmure:
( \(F\) ) is the corref pondent Mute to this: 'Tis framed by the fame kind of pofition of the Lip and Tetth, and percolation of the Breath betwixt them, with this only difference, that as the former was with fome kind of Vocal Sound, fo this is wholly mute. This feems to be fuch an incraffation of the Letter ( \(P\) ) as ( \(V\) ) is of (B). 'Tis anfwerable to the Greek (\$). And though feveral of the Greek words with (©) arerendred in Latin by Ph , as Philofophia, Sophifta, \&c. yet the Italians write Filofofo, Sofifta, \&c. and fome other words are forendred in Latin, as píjn, fuga, onnk, fama. What that dilutenefs is, which vof: ibid: fius faith is more proper to \(F\), than to \(\Phi\), I undertand not; nor is it eafie to guefs at the meaning of that in Cicero, concerning Fundanima, and Pbundawius, بunlefs perhaps it be, as Lipfiws gueffes, of pronoun: cing it as Pfbundanius, or elfe as \(P\)-brendaniws:
( \(D b\) ) and its correfpondent Mute (Tb) are of that power which we commonly afcribe to the Letters \(D\), \& \(T\), afpirated or incraffated. And though thefet wo Powers are commonly ufed by us without any provifion for them by diftinct Characters, yet our Anceftors the Saxons had feveral Letters to exprefs them. They reprefented (Dh) by
 mark (p) as peif, pick, faip. And 'tis moft evident that the founds of them (though we ufually confound them, under the fame manner of writing) are in themfelves very diftinguifhable, as in thefe Examples.

Dh.
Thee, this, there, thence, that, thofe, though, thou, thy, thine.
Father, Mother, Brother, Leather, Weather, Feather.
Smooth, Seeth, Wreath, Bequeath.

Th.
Think, thine, thigh, thing, thifte, thefis, thankes, thought, throng, thrive, thruft.
Doth, death, wrath, length, ftrength, Loveth, Teacheth, \&c.

Thefe Letters are framed by a percolation of the Breath through a kind of Chink beiwixt the tongue and upper teeth, the firf with fome kind of vocal found, the other wholly mute.
( \(G b\) ) and its Correfpondent (Cb) are both of them framed by a vibration of the root or middle of the tongue againft the Palate, the former being vocal, and the other mute. They are each of them of difficult pronuntiation: The firft is now ufed by the Irifh, and was perhaps heretofore intended by the feelling of thofe Englih words, Rigbt, Light, Daughter, Enough, Thorough, \&c. Though this kind of found be now by difufe loft amongtt us, the latter of them ( Ch ) is now ufed amongft the Welfh, and was perhaps heretofore intended by the Greek Letter ( \(x\).) Neither of them is eafily imitable by any mouth not trained up to the practife of them.
( \(L\) ') is Clangor. 'Tis formed by an appulfe of the Tip of the tongue to the Palate, and then forcing out the Breath. 'Tis efteemed fatillima © liquidif/zma.Literarum; in the pronouncing of which, moft Na tions do agree.
( \(L b\) ) or ( \(b L\) ) the correfpondent Mute to this, is much ufed by the Welch: They feem to form it as the other (L) only by abftaining the voice, and a more forcible emiffion of the Breath, as is ufed in all other mute letters of the Spiritous kind.
\((R)\) is Stridor vel fufurrus: \({ }^{\circ}\) T is called from the faarling of Dogs, Litera Canina: 'Tis made by a quick trepidation of the tip of the tongue being vibrated againft the palate; for which, they who are difabled, by reafon of the natural infirmity of their tongues, which is called \(\mathrm{T}_{\text {equino }} \mathrm{m}_{\mathrm{s}}\), Balbuties, do commonly pronounce in ftead of it, the letter ( \(L\) ) which is of a more foft and eafie found: Demofthenes, Alcibiades, Aritotle, Scaliger, the Fathers, are faid to have laboured under this Infirmity.
( \(R b\) ) or ( \(b R\) ) the correfpondent mute tothis, is made by a forcible emiffion of the breath, through the inftruments of Speech in the fame pofition as for the Letter ( \(R\) ) but without any vocal found. 'Tis the fame with the Greek ( \(\dot{p}\) ) and much in ufe amongtt the Welfb.

\section*{Chap XII. Concerning \(\mathcal{N}\) (atural Grammar. 369}
(Z) is by fome ftile \(\mathrm{d}(\mathrm{s})\) molle. 'Tis properly the Greek ( \(\zeta\) ) and the Hebrew ( 1 ). 'Tis framed by an appulfe of the tongue towards the upper Teeth or Gums, and then forcing out the breath from bes twixt the tongue and the upper teeth, with a vocal found, which makes a more denfe kind of biffing, mixed with fome kind of murmur, apumq; fufurro per \(\sqrt{\text { imilem }: ~ ' T i s ~ o f ~ t h e ~ f a m e ~ a f f i n i t y ~ w i t h ~} S\), as B with P , \(D\) with \(T\), and \(G\) with \(C\). That double Letter in the Hebrew ( \({ }^{3}\) ) which is by fome accounted equivolent to this, is of a quite different power, as were ea fie to illuftrate by feveral examples.
(s) the correfpondent mate (though it be commonly reckoned for 2 (emivowel) is framed as the former, but without any vocal found. 'Tis ftiled Sibilus. The power of it is the natural found of \(\mathrm{Hi} \iint_{\text {ing }}\); for which reafon 'tis called Litera Serpentina. The Hebrews have two Charaeters for this Letter, befides two others for its Allies. Among the Perfians all words that fignifie Grandeur and Magnificence, are faid to be terminated with it: Though others condemn it for a harth, unpleafing, quarelling Letter. Mefjala Corvinus, a great man, and a famous Orator among the Romans, is faid to have writ a particular Treatife againtt this Letter, much efteemed of amongt learned men. And Pindar likewife writ an Ode againft it, verfus dioipuss, wherein there was no word that had any \(S\) in it. The difability of pronouncing this Letter, is called Blafitas, Lifping, when'tis corruptly founded like ( \(t b\) ).
( zb ) the fonorous Confonant, and ( \(s h\) ) its correfpondent mute; are framed by a percolation of the breath, betwixt the tongue rendered concave, and the teeth both upper and lower: The firtt being vocal, the other mute. Though they are not provided for commonly by diftinct and fimple Characters, yet are they diftinct and fimple letters; both of them facil and common: The firtt amongtt the French, who exprefs it by \(I\), as in the word Iean, \&ic. and is eafily imitable by us: And though the other did once coft 42000 men fudges \(i_{2}\). \(\sigma_{6}\) their lives, for not being able to pronounce it, yet is it of common ufe with many Nations.
2. By Semifpiritous or half breathed Confonants, are meant fuch as are accompanied with fome kind of vocal murmure, as \(B, D, G\). whereas
3. Thofe are ftiled non-fpiritons or breathlefs, which are wholly mute 3 as, \(P, T, C\).
( \(B\) and \(P\) ) are framed when the breath is intercepted by the clolure of the Lips; the firft of them being more foft, with fome kind of murmure, the other more hard and wholly mute.
( \(D\) and \(T\) ) are commonly framed, by an appulfe or collifion of the top of the tongue againft the teeth, or upper gums; the firt being more foft and gentle, with fome kind of murmure, the other wholly mute.
( \(G\) and \(C\) ) are framed more invoardly; by an interception of the breath towards the throat, by the middle or root of the tongue, with fuch a kind of difference between them, as there is betwixt the two former pairs.

\title{
CHAP. XIII.
}

\section*{Of Compound Letters, whether Vowels, Confonants,}

BEfides thefe fimple Letters before enumerated, there are others commonly ufed, which may bes Vowels. ftiled Compound, both \(\{\) Confonants.
The Compound Vowels are called commonly Dipthongs, or Tripthongs, or Bifona in Latin ; but becaufe the fignification of thofe words may as well agree with double Confonants, therefore others would have them ftiled Bivocales, or Trivocales. Facobw Matthias in his Treatife de Literis, and our learned Gataker, in a particular Difcourfe to this purpofe, do earnefly contend that there are no fueb things as Dipthongs. Their principal Arguments depend upon this Suppofition, That ( 1 and x ) (which are neceffary Ingredients to the framing of all ufual Dipthongs) are Confonants, the fame with \(y\) and w. Others would have them to be of a middle nature, betwist Vowels and Confonants3 according to which Opinion I have already defcribed them: From whence the Reafon is clear, why thefe Vowels concur to the making of Dipthongs, becaufe being the moft contrad of Vowels(as is alfo the Vowel ( \(y\) ) of which more hereafier) They do therefore approach very near to the nature of Liters clanfa, or Confonants ; there being no Tranfition amongft thef,either from one another, or to the other intermediate founds, without fuch a kind of motion amongft the Inftruments of fpeech, by reafon of thefe different Apertions, as doth fomewhat refemble that kind of Collifion required to the framing of Confonants.
Several Languages ufe feveral kinds of thefe Dipthongs, but how many there are in nature, may be eafily collected by the former divifion of Vowels (fuppofing that to be according to nature) One of thele two Vowels s or a muft be an ingredient into all ufual Dipthongs, either as \(\left\{\begin{array}{l}\text { Prepofed. } \\ \text { Subjoyned. }\end{array}\right.\)
1. Thefe Vowels Iand'y may be prepofed in this mixture before each of the other; in which cafe they will bave the fame power that we commonly afcribe to \(y\) and \(w\), and will frame thefe twelve Dipthongs.
\begin{tabular}{|c|c|c|c|}
\hline & yall, yawne & & wall \\
\hline \(1{ }^{\text {a }}\) & yate yarrow & y & wale \\
\hline 10 & yet yellow & 8 & well \\
\hline 10 & yoke & 8 & woc \\
\hline \(\underline{y}\) & young & \(8 y\) & \\
\hline
\end{tabular}

\section*{Chap. XIII. Concerning \(\mathcal{N}\) (atural Grammar.}
2. They may be fubjoyned to each of the other \(;\) as in thefe InAtances:
\begin{tabular}{|c|c|c|}
\hline at boy & ar & aw \\
\hline al Ay & ar & \\
\hline ct & - er & hew \\
\hline 0 & 08 & \\
\hline u & u* & \\
\hline ysour E & (i) in bite \(y\) & ow \\
\hline
\end{tabular}
3. They may be both prepofed and fubjoyned tothemfelves and to one another.


As for the other intermediate Vowels being prepofed before one another, they will not afford any coalefcing founds that are eafily diftinguifhable. E being prepofed before \(\alpha, a, 0, y\), will fearce be diftinguithed from \(1 \infty\), \(\mathrm{a}, 10, \mathrm{ly}\). A, before E , will be but as \(\bar{a}\), before \(\alpha, 0, u\), it will not coalefce into a plain found. The fame likewife may be laid of the other Vowels, \(\alpha\); 0 . So that of this kind the whole number is twenty four. And this I conceive to bea fufficient enumeration of the natural Dipthongs.

I cannot deny but that other Dipthongs may be made by the mixture of the Vowel ( \(y\) ) which were perhaps in ufe amongft the Jews, and expreft by \((y)\) But being now, as I think, generally difufed amongft other Nations, and for that reafon very difficult to be pronounced, I Thall not therefore take any further notice of them.

When two Vowels are put together by way of Dipthoug, fo as to coalefce in one Syllable, tis neceffary that there fhould be fome Note or Mark in their Characters, to fignifie their conjunction, as is ufual
 Otherwife there can be no certainty, whether the word be to be pronounced as a Momofyllable, or Difjllable, as in D-u-el, Duel. Sw-et, Swet.
'Tis a common Affertion amongt Grammarians, Prifcian, Quintilians, and others, That no one fyllable can confift of three Vowels, and confequently that there can be no Triptbongs; which I conceive to be founded upon the former miRake ; namely, that 1 and \(y\) are to be ufed as Confonants: For 'tis evident, that each of thefe may coalefce with every one of the firlt Dipthongs, as tay, yaw, ral, way, \(火\),e yew, rẏ', in wile, wight, qui, © \(c\).

The compound Confonants are ufually diftinguifhed into fuch as are SArperated.

2Double.
I. Thofe are ftiled afpirated, which feem to be mixed with(H) and are ufually fo written; as \(\theta, \varphi, x, \psi\). But in propriety of fpeech, if afpiration be defined to be an impetus of Breathing, then thefe Confonants cannot fo fitly be faid to be afpirated, but rather incraffated by
compreftion of the breath in framing of them. Though not only the Europpan Nations do at this prefent exprefs them by this mixture of ( H, ) but it was likewife the opinion of the Antients, as may appear; becaufe before thofe Letters \(\theta, \phi, x\), were invented by Palamedes, the
Grecians were wont to exprefs the power of them, by adding the afpi-
Gram.ca. 16 . ration H , to T , \(\mathrm{I}, \mathrm{K}\). Yet \({ }^{\circ}\) tis very plain, that each of thefe Confonant efteemed to be afpirated, are fimple Letters; becaufe in the prolation of them, the fame found doth ftill continue, and therefore they ought not to be reckoned amonght the mixed Letters.
2. Double Confonants are fuch as are compounded of fome of the other Letters, and for the Compendium of writing, are in feveral Languages exprefled by fingle Charadfers, and reckoned in the Alphabet as if they were diftinct feecies of fimple Letters. Such are in the Latin Alphabet \(\mathbf{Q}, \mathbf{X}\), and the double Letter \(Z\), whofe power is the fame as DS. or TS. To which Clandiws Cefar would have added an AntiScaligerde figma in this form (JC) which fhould have had the power of the Greek de Caxis L. L. . \(^{\text {, }}\), or PS.
cap. 21.
Voffius Gram. сар. 27.

Diatribe de varialiterarum pronuntia tione.

As for the Letter \(\mathbf{Q}\), ' \(\mathbf{T}\) is commonly granted to bea Compound of

Alex. Glll, Gram. cap. I.

\footnotetext{
\(D^{\text {W Wallis }}\) Gram.
} \(C\) and \(U\); for which reafon, in many ancient Books, the Letter \(V\) was not written after \(Q\), as being involved in it; 10 qis, qe, qid. But what kind of \(V\) this chould be, is much debated. Some would have it to be the Confonant, againft which Jofeph scaliger argues, that then it would not be pronounceable, being of near affinity to F, ofis, for quis. But upon confideration, it will be found to be the Letter " coalefcing into a Dipthong with the fubfequent Vowel, cuam, being the Game with quam.

What the true Original is of (J) Confonant, and that power which we giveto (Ch) in the words Cbarity, Cheefe, Cbofen, cbink, \&c. is a queftion men have much differed about. 'Tis evident that neither of them are fingle Letters, becaule in the prolation of them, we do not end with the fame found with which we begin. As for that Conjecture, that I Confonant may be expreffed by dzy, dzyindzyer, Ginger, dzyudzy, Judgea or elfe that this found is compounded of the Confonants dy, as djoy for joy; dyentle, gentle, lodying for lodging. And fo for the power that we afcribe to Ch , that it may be fufficiently exprefled by T, , as ortyard, for Orchard, rityes, for ricbes: Thefel think need not any particular refutation. It feems to be plain, that J Confonant is.a Compound of D , and Zh ; and Ch of T , and \(\mathrm{Sh}^{\text {. }}\)

As for the other three Confonants, that are reckoned in the common Alphabet, \(K, W, Y\), enough hath been fiid to prove them unneceflary. If Cbe ufed alwaies in its proper power (as every Letter ought) then \(K\) muft needs be fuperfluous; and therefore the Welfb who ufe Conly for one kind of found, have no K. And as for the Letters \(\mathbf{W}, \mathbf{Y}\), their power is the fame with that of the Vowels \(x\), and \(t\), as will evidently appear when they are rapidly pronounced before any other Vowel by way of Dipthong, fo as to make but one Syllable ; yowee sarr warr, frim fwim, ies yes, ioke yoke, isth youth. The words young and younker being originally of the Dutch, are by them written junk junker.

And as for the Afpirations, wheele, where, when, boc. our Forefathers the Sacoons, did antiently prefix the Afpirations before the vow-

\section*{Chap. XIII. : Concerning Xatural Grammar.}
els; as hell, heer, hyen, which will in pronunciation be of the very fame found and power, wherein thefe words are now ufed, and therefore is more natural and proper than the common way of writing.

According to this eftablifhment, the fimple Letters will bethirty four, whereof eight are Vowels, and twenty fix Confonants, befides twenty four Dipthongs.

The Greek Letters are faid to bave been at firtt only 16; namely, vofins de \(\mathrm{A}, \mathrm{B}, \mathrm{T}, \Delta, \mathrm{I}, \mathrm{I}, \mathbf{K} \Lambda, \mathrm{M}, \mathrm{N}, \mathrm{O}, \mathrm{I}, \mathrm{P}, \mathrm{\Sigma}, \mathrm{~T}, \mathrm{~T}\). To which Palamedes Gram.cap. 18 . is faid to have added the three Afpirates \(\theta\), \(\mathbf{x}\). Epicharmus the Sicilizu the double Letters \(\mathrm{Z}, \xi, \Psi\). and Simonides the two long Vowels - and u. Notwithftanding which, that Alphabet is ftill in feveral refpects defective.

What Theodorus Bibliander fuggefts in his Tract de ratione communi onminme Linguarums, that all founds both articulate, and inarticulate, may fufficiently be expreffed by 13 Letters, and an Afpiration, viz: the five ordinary Vowels, \& \(B, G, D_{2} L, M, N, R, S\), is fo very irrational, that I cannot think it needs any particular confutation.

As for thofe other new Alphabets that are propofed by Sir Thomas Smith, Bullokar, Alex. Gill, they do none of them give a juft enumeration of the fimple Elements of fpeech, but what by we mixture of long and Chort Vowels, which do not differ fpecifically, together with the infertion of double Letters, they do too much increafe the number of them. Befides that fome other Letters are left out and omitted.

According to this eftablifhment of Letters, if the Lords Prajer or Creed were to be written according to our prefent pronunciation of it, they fhould be each of them thus Lettered.

\section*{The Lords Prayer.}

Yır fädher hsitth art in héven, halloëd bi dhyi nàm, dhyi cíngdym cym, dhyi sill bi dyn, in erthaz it iz in héven, giv ys dhis dai \(y_{x} r\) daili bred, and fargív ys yor trelpaffez az ui fargív ahem dhat trefpa§ againft ys, and lèd ys nat ints temptafixn, byt. delíver ys fram ivil, far dhyo iz dhe cingdım, dhe pyeër and dhe gları, far ever and ever, Amen.

\section*{The Creed.}
,
Yi biliv \({ }_{10} \mathrm{C}_{\alpha \text { d dhe }}\) fàdher almyitı màker \(\alpha f\) héven and erth, and id Dzhefys Cryıft hiz onlı fyn yur Lard, hus aaz cansèved byidhe holi Goft, barn of dhe Virgin Màrı, fyffered ynder Panfiys Pyilat, az crisfifiëd ded and byriëd. H1 deflended inis hel, the thyrd das ha rolfagain fram dhe ded. Hi affended ints héven, hrèr hi fiteeth at dhe ryit hand \(\alpha f\) Gad dhe fàdher, fram heènf hit thal cymis dzhydzh dhe culc and dhe ded. Yi biliv in dhe hols Goft, dhe holl catholic tshyrt \(\mathrm{Kh}_{\text {, }}\) dhe cammivniar af Saints, dhe fargivnes af \(\mathrm{moz}_{\text {, de refyrrecfion af dhe }}\) bady, and lyif everlalting. Amen.

Thus much may fuffice, concerning the Forems, Efences, or Pawers of the feveral Lettere CHAP.

\author{
CHAP. XIV.
}

Of the Accidents of Letters. 1. Their Names. 2. Their Or. der. 3. Their Affinities and Oppofition. 4: Their Figure, with a two fold Inftance of a more regular CbaraCter for the Letters, the latter of mobicb may be ftiled Natural, 5.Of Pronunciation. 6. Of the feveral letters difufed by feveral - Nations.

Omething ought briefly to be added concerning the Accidents of Letters, viz, their I. Names. 2, Order. 3. Affinity. 4. Fi- gure. 5. Pronunciation.
1. Of their Names. Letters being of themfelves the moft fimple Elements of Speech, ought therefore to be expreffed by the molt fimple names, and fuch as do fignifie their feveral Powers: In which refpect, the Roman Alphabet ufed in thefe Weftern parts of the world, hath an advantage above other learned Languages, wherein the Vowels are no otherwife named than by their own founds; as A, not Alepb or Alpha ; much lefs have they diftinct names for long and fhort Vowels, as Kamets, Kametscatuph, \&c. And thofe which they reckon as the two kinds of Confonants, Semi-vorels and Mutes, are likewife diftinguifhed in their very Names. The Vowels being prepofed in thofe which they call semi-voovels, el, em, en, ar, and fubjoyned in the Mutes, be, ce, de, ge, pe, te.

As for the other Letters before mentioned, which have a Right to be put in the Alphabet; they may be thus named: The fonorous ones, Eng, EV, Edh, Egh, EZ, EZh. The Mute ones, Hme, Hne, Hnge, \(\mathbf{F e}\), The, Che, HLE, HRE, SE, She.
2. The moft proper and natural Order of the Letters, I conceive to be the fame in which they have been before treated of. Vowels thould be reckoned up by themfelves, as being a diftinct kind, and firft, both for their priority in Nature, Necelfity, and Dignity. If the order of thefe were to be regulated from the Inftruments of fpeech, then \(u, 0, r\), Thould be firlt, as being Labial, and a, a, e, 1 , next, as Lingual, or Lienguapalatal, and y laft, as being Guttural. Scaliger would have A and O to be acknowledged for the firtt Vowels, as being Somi amplifrmis The next \(E, I\), as being of a middle found, and the laft \(U\), as being fomi abfcuri \(\int \mathrm{fmi}\). That which to me feems the moft proper. Method, is to reckon them up according to their degrees of Apertion: Only in conformity with the common Alphabets, I begin with the Linguals, \(a_{s} a_{2}\) c, \(1,0, r, u, y\).

Amongft the Confonants, the Sonorous Chould precede, as approaching neareft to the nature of Vowels. And amongit them, if thofe that are breathed through the Nofe do precede, M muit be the firtt, as being Labial; N next, as bêing Dental; and then NG, as being Linguapalatal. Next, thofe that are breathed through the Mouth, according to this order, \(\mathbf{V}, \mathrm{Dh}, \mathbf{G h}, \mathbf{L}, \mathrm{R}, \mathrm{Z}, \mathbf{Z h}\). The firf being Labial, the pext Dental, the others Lingua-dental: or Lingua-palatal. Next . Mould

\section*{Chap. XIV. Concerning \(\mathcal{P}\) (atural Grammar:}
fhould followthe Spiritous Confonants that are Nautes; and firft thofe pronounced through the Nofe, HM, HN, HNG, then thofepronouninced through the Mouth, F, TH, CH, hl, hr, S, Sh. Thën the fémifpiritous Confonants, B, D, G. And lafly; the-non-feiritous, or breathlefs Confonants, P, T, C.
3. The Affinity of Vowels each to other is not difficul to determine, a and a of a middle found, \(e\) and 1 of a more acure, \(o\) and \(y\) of a more grave tone. If they were to be oppofed to one another, this diftribution would be moft matural, ( \(\alpha\) i) ( 20 ) ( \(\mathrm{c} x\) ) ( \(\mathrm{V} u\) ) and fo vice verfa, (ix) (oa) (rc) (uv.)

The Affinity amongft the Confonants moft obvious is this, (M,HM)
 (R, HR,) (Z, S,) (Zh, Sh,) (BP) (DT) (GC.)
4. Though all Nations do or thould agree in the fame power and \(\$ 4 \cdot\) found ofthe Letters, yet they differ very much in thofe iFigures and Figurt:
- Characters, whereby they reprefent them in writing accordidg to thofe divers Alphabets that are received in the world: Amongt which, though fome are much more convenient than others, yet hone of them feem contrived upon a Philofophical ground. In the framing of fuch a Literal Character, thefe Conditions ought to be obferved,
i. They fhould be the moft fimple and facil, and yet elegant and comely as to the thape of them.
2. They muft be fufficiently diftinguihed from one another.
3. There fhould be fome kind of futablenels, or correfpondency of the figure to the nature and kind of the Letters which they exprefi:

It is not either neceffary or convenient in the framing of a Language; to make ufe of all the Letters belonging to the Alphabet; but'tis fufticient that fuch only be made choice of, as are moft eafie and pleafant in the pronunciation and found of them. But though it be not needful to introduce all the Letters into the common ufe of a Language. yet it is moft neceflary that fome way fhould be provided for reprefenting the powers of all the fimple Letters, becaufe without this, there can be no way to exprefs the praper names ufed in feveral Languages; whether of Places, or Perfons, ©rc. as England, London, Oxford, Jobs, Mary, \&c. There being frequent occafion in difcourfe to mention the names of fuch Individuals: And thefe being nothing elfe but luch words or founds as men have agreed upon to fignifie fuch particulat places or perfons, mult therefore be expreffed by fuch Letters as make up thefe founds. And though this real Character here treated of (as it is made effable) may ferve for moft of them, yet becaufe there are feveral others not this way provided for, therefore may it be proper to offer fome diftinct Alphabet of Letters. Of which, I had provided feveral Inftances and Examples agreeable to the Rules above mentioned. But I thall at prefent (becaufe I would not too much digrefs) fet down only two ; which to me feem confiderable in their feveral kinds. The former being more facil and fample, the other more complicate; but with this advantage, that it hath in the fhape of it fome refemblance to that Configuration which there is in the Organs of fpeech upon the framing of feveral Letters. Upon which account it may deferve the name of a Natural Character of the Letters.

The Letters according to the firt defign, are reprefented inche following Table, confiting of 31 Ranks and 15 Columnes.






\section*{Chap. XIV. Concerning \(\mathcal{X}\) 〈atural Grammar.}

The firft Rank doth contain the Characters for the fix more fimple Vowels, both prepofed and fubjoyned according to a threefold place, at the top, the middle, and the bottom of the Character, the former three being meer Rounds, the other Hooks. Thofe of a middlepower, becaufe they are neceffary Ingredients to the making of all the ufual Dipthongs, therefore have they a larger Character alfigned to them, to which any of the other Vowels may be affixed, when they are to coalefce into Dipthongs. And though the Letter Y, be properIy (as it is reckoned) one of thofe that are medie poteStatis, and may be compounded intoa Dipthong with any of the other Vowels, yet becaufe it is not now (for ought I know) made ufe of to this purpofe, in any of thofe Languages that are commonly known and ufed amongft us; therefore is it at prefent reckoned only amongtt the Vowels.

The fecond Columne (befides the marks for thofe three Letters \(\mathrm{H}, \boldsymbol{z}, \mathrm{i}\), ) doth contain likewife the Characters for all the Confonants, according to their feveral affinities; where the Non Jpiritous Confonants are exprefled byftraight lines, the spiritous Confonants of affinity to them being diftinguifhed by a little houk affixed at one end. The other Confonants by curve lines, with the like diftinction for their correfpondent Mutes. The reft of the Ranks and Columnes confifting of mixed Letters, either the mixtures of the Vowels with \(\mathrm{H}, \mathrm{\gamma}\), or I , or elfe the incorporating the Character for each of the fix Vowels with that of the Confonant, the Vowel being prepofed in the \(3,4,5,6,7,8\). Columnes, and fubjoined in the other.

As for the Characters that ferve for Interpunction, the Comma may be expreffed by a fonall, ftreight, oblique line \((\), ,) The Semicolon, Colon and Period, may continue as they are now uled by moft of the Europeans; there being nothing in their figure, of any fuch near refemblance to the other Cbaracters, as may make them liable to miltake. And folikewife may thofe other Notes, which ferve to diftinguifh the various manners of Pronuntiation, whether Explication []Interrogation ? Wonder ! Irony i only the two curve Lines for Parenthefis (') being here ufed for the Letters \(L\), and \(R\), may be fupplied by thefe [

At the bottom of this Table there is an Inftance of the Lords Prayer; being lettered futably to our prefent pronuntiation of it.

The Letters according to the fecond defign may be thus contrived;


The firft Columned doth contain the Vowelsjas they are diftinguilhed into

Labial; being framed by an emiffion of the Breath through the Lips, whether
\(\{\) Lees contracted; 0 .
- \{ More contracted, and fomewhat compreffed \(\left\{\begin{array}{l}\text { Dovenveards, } \\ \text { Vp o }\end{array}\right.\) \{vpwards, U.
Lingual; the Tongue being put into a pofture
§ More concave; and removed, at Come diftance from the Palate, \(\dot{\alpha}\).
Lees concave ; or plain, and brought nearer to the Palate, a.
Somewhat convex, towards the Palate, e. -
(More convex, :.
(Guttural, Y.
The other Columns do contain the Confonants, as they are diftinguifhed into

Labial 3 whether fuch as are
\(\left\{\begin{array}{l}\text { Breathless ; }\left\{\begin{array}{l}\text { Sonorous } \\ \text { Mute }\end{array}\right\}\left\{\begin{array}{l}\text { B. } \\ \text { P. }\end{array}\right\}\end{array}\right.\)
Breathing ; through the
\{Mowth; \(\left\{\begin{array}{l}\text { Sonorous } \\ \text { Mute }\end{array}\right\}\left\{\begin{array}{l}\text { V. }\end{array}\right\}\)
\(\left\{\right.\) No of; \(\left\{\begin{array}{l}\text { Sonorous } \\ \text { Mute }\end{array}\right\}\left\{\begin{array}{l}\text { M. } \\ \mathrm{HM}\end{array}\right\}\).
Lingual; either in respect of the
CHop of the Tongue, whether fuch as are

Breathing, through the
Mouth; by
Appulfe, of the top of the Tongue to the
Top of the Teeth, the breath being emitted through the \(\left.\begin{array}{c}\text { mid f of the }\left\{\begin{array}{l}\text { Sonorous }\end{array}\right\}\left\{\begin{array}{l}\text { Dh } \\ \text { mouth, }\end{array} \text { Mute }\right.\end{array}\right\}\)
Foremost part of the palate, the breath being emitted: \(\left.\begin{array}{l}\text { through the corners S Sonorous? } \\ \text { of the mouth } \\ \text { Mute }\end{array}\right\}\)
Trepidation or Vibration, against the inward part of the. : 2 .
Palate, \(\left\{\begin{array}{l}\text { Sonorous } \\ \text { Mute }\end{array}\right\}\left\{\begin{array}{l}R . \\ \text { RR. }\end{array}\right\}\)
(Percolation of the Breath betwixt the top of the Tongue: and the roots of the Teeth, whether more

Nope; by appulse of the top of the Tongue ta the Root of the Gcc \({ }^{2}\) Teeth,

\section*{Teeth, \(\left.\left\{\begin{array}{l}\text { Sonorous } \\ \text { Mute }\end{array}\right\} \begin{array}{l}\mathrm{N} / \\ \mathrm{HN} .\end{array}\right\}\)}
noot or middle of the Tongueappulfed to the Inward Palate, whether fuch as are
\[
\begin{aligned}
& \left\{\begin{array}{l}
\text { Breathlefs; } ;\left\{\begin{array}{l}
\text { Sonorous }
\end{array}\right\}\left\{\begin{array}{l}
\text { G. } \\
\text { Mute }
\end{array}\right\} \text {. } \\
\text { Brectbing }
\end{array}\right\} \\
& \text { Breathing; throughi the }
\end{aligned}
\]

Unto each of the Letters reprefented by a Face, there is adjoyned a leffer Figure, conffifing only of the chief out-lines reprefenting the Organs of fpeech.

The Labials are reprefented by two curve Figures for the Lips. The Linguals by the Figure of the Tongue, according to its various application; 3 either of the Top or Root, to the feveral parts of the Palate, or of the Teetb.
The Sonorous Confonants, of each kiod, are diftinguifhed from the Mutes, by the addition of ( \({ }^{\sim}\) ) to reprefent the motion of the Epiglottis, by which found is made.
The Breathing or Spiritous Confonants are reprefented by a longer undulated Line, paffirg through the Moutb in fome of them, either betwixt the Lips, in \(\mathrm{F}, \mathrm{V}\). or between the Tongue and Palate, in Dh, \(\mathbf{T h}, \mathbf{G h}, \mathbf{C h}, \mathrm{R}, \mathrm{HR}\). In the two laft of which, the top of the Tongue is divided, to reprefent that Trepidation or Vibration, in the framing of thefe Letters. Or by the fides of the Tongue in L, HL. Or betwixt the Top of ibe Tongne and the Teeth, in \(\mathrm{Z}, \mathrm{S}, \mathrm{zh}, \mathrm{Sh}\). In the two laft of which, the undulated Line is doubled, to reprefent that more denfe Percolation of breath,ufed in the framing of thofe Letters.

Thofe that are breathed through the Nofe, have this undulated line above the Palate, as in M, HM, N, HN, NG, HNG.
I propofe thefe only as being natural Pictures of the Letters, without any Defign of common ufe, for which they are lefs fit, by reafon of their being fo complicated.
4. Though each of the Letters have their diftind powers naturally fixed, yet that difference which there is in the various manner of Pronunciation, doth femewhat alter the Sound of them. And there are no tho Nations in the world that do exacly agree in the fame way of pronouncing any one Language (fuppofe the Latim) Amongft perSons of the fame Nation, fome pronounce more fully and Strongly, othere mbre fligbtly, fome more fintly, others more broadly, others more mincingly. And in the hearing of fotreign Languages, we are apt to think, that none of the Letters we ate acquainted with, can frame fuch frange bunds as they feem to make: But this doth principally proceed frotir the feveral modes of Pronunciations the variety of which may well enough confift with the diftina power of the Letters. 'Tis obvious to any one to oblerve, what great difference there will be in the fame words, when (poken flowly and treatably, and when tumbled out in a rapid precipizate manner. Avd this is one kind of difference is the pronunciation of feveral Nations 3 The Spuniards' and

\section*{Chap.XIV. Concerning \(\mathfrak{N}\) (atural Grammar. \(3^{81}\)}

Italians pronouncing more flowoly and Majefically, the French more volubly and bastily, the Englifh in a middle way betwixt both. Another different mode of Pronunciation betwixt feveral Nations, may be in regard offremgth and diftin ctnefs of pronouncing, which will fpecially appear in thofe kind of Letters which do moft abound in a Lianguage. Some pronounce more deeply Guttural; as the Welfo, and the Eaftern people, the Hebrems, and Arabians, \&c. Others feem to thruft their words moreformards, towards the outmard parts of the mouth, as the Englifh; others more inwoard towards the palate, as the French; Prolegomena in fome fpeak with ftronger collifions, and more vehement afpirations, Biblia Polyglot. as the Northern people generally, by reafon of their abundance of fpirits and inward heat; others more lightly and foftly, as the Southern Nations, their internal fpirits being more weak, bydreafon of the outward heat.

One principal Reafon of the various founds in the pronunciation of feveral Languages doth depend upon the nature of thofe Letters, of which they do chiefly confift and are framed. Upon which account, the Greek, which abounds in Vowels and Dipthongs, is more fmooth. And though the Latin have fewer Vowels, yet it is fo equally mixed with them, as to be rendred facil and pleafant; whereas the Hebrew doth abound in fome har ih Confonants, Afpirations and Gutturals.

I cannot here omit the Cenfure which an ingenious perfon gives concerning the difference of many of our European Languages, in refpect \({ }_{n \text { n }}^{R: C .0}\) in Cambd \(^{\text {Anto- }}\) of their pronunciation. The Italian (faith he) is in pronunciation, Remains. pleafant, but without Sinews, as a ftill flowing water; the French delicate, but inward and nice, like a woman that dares fcarce open her mouth, for fear of marring her Countenance. The spanifh, Majefticals but withal fomewhat terrible and fulfom, by the too much affectation of the Letter O. The Dutch manly, but withal hath and quarrelfom. Whereas our Emglifh (faith he) hath what is comely and Euphonical in each of thefe, without any of their Inconveniences. \({ }^{\circ}\) Tis ufual for men to be moft favourable towards the Language unto which they have been moft accuftomed. 'Tis likely that Forreigners may be as apt to complain of feveral Defects in our Language as we are of theirs.

That which doth generally feem moft difficult to Strangers in our Englifh Tongue, is the pronouncing of certain Afpirations (as they. are ftiled) very frequently and familiarly ufed amongft us, but hardly imitable by others, though thefe are but few; thefe five words (as it is faid) comprehending all of them. What think the chofen Judges? Which a little practife might overcome.

It were defirable in a new invented Language, to make ufe chiefly of fuch Letters andSyllables, as are of general practife, and univerfally facil in Pronunciation: But the cuftom of feveral Nations is fo exceeding various in this refpect, that'tis very difficult to find out what thefe are; moft of the Letters being difufed, and not acknowledged for Letters, in Revaral Countries.
( \(\alpha\) ) is frequently ufed by other Nations, but not owned with a difinct Character by the Englifh.
(a) is frequently ufed by us Englifimen, but not fo much by other
(e) is generally received, but very ambiguỏully pronounced.

Purchaf.lib.s
bap. 9.
(i) is not owned by us for a diftinct Vowel, though we frequently ufe the power of it. And the Mexicans are faid not to ufe the Letter (y) which is the fame with this (as was Chewed before.)

\section*{BT Walton In-} troduction.

Idem Proleg. 13.5.
( 0 ) is not in the Armenian Alphabet, nor do the Syrians owa it, butufe ( u ) or (aw) inftead of it. Some of the Ancient Cities in It all, thofe of the Vmbri and Twfidid not ufe this Vowel, but \(\kappa\) inftead of it, (faith Prifciam.)
( y ) according to the true power of it, is not owned by us, nor by many other Nations with a diftioct Character.
(y) is fcarce acknowledged by any Nation except the Welh.
(u) is (I think) proper to the French, and ufed by none elfe.
( \(M\) and \(N\) ) are fo general, that I have not yet met with an Account of any Nation byow hom they are not ufed.
(NG) is not owned for a Letter by any, except perhaps the Hebrews.
(V) is not pronounced by the Mexicans, Arabians, Perfians, Saxons.
(Dh) feems difficult to moft Nations, though frequently ufed by us Englifhmen.
(Gh) is not any where, except amongft the Irib.
*Vincent le (L) is not ufed by the * Brafileans, nor the men of \(\dagger\) Japan. Many \({ }_{16}\) Blanc. Part 3. of the Italians, efpecially the Florentines, do feem to dillike this Let\({ }^{16}\) Altex.Rbodes ter, though others ftile it the fweeteft of all the reft, faith || Sir Thomas DiEtion. Anim. Smith.
cap.r.
\(\|\) De rettafri- ( R ) is not ufed by the Mexicans, Brafleans, or the men of Cbina, ptione Lingus. (fay feveral of the fame Authors) The Americans near New-England,
Anglicann. pronounce weither \(L\), nor \(R\); but ufe \(N\) inftead ofboths pronouncing Nobftan for Lobftan.
Alex. Rhodes (Z) is not owned for a Letter by the Inhabitants of CochinCbina.
( Zh ) is not owned for a diftina Letter, either by us Englijh, or almolt any other,
(HM, HN, HNG) are not, for ought I know) owned by any, excepting only the Weelh and Irifh, and the latt perhaps by the Jeews.
(F) is not pronounced by the Brafileans.
(Th) feems difficult to many Nations, and is owned by very few, to bea diftinct Letter.
(Ch) is not ufed by any (for ought I can find) except the Grecians and the Weilh.
(HL) is almoft proper to the \(W \mathrm{Fe} / \mathrm{h}\), and fearce ufed by others.
(HR) though frequent amongt the Grecians, yet is rarely ufed by others.
Purchaf. lib.s. (S) is not ufed by the arexicans.
caf. 9.
(Sh) That this was not univerfal among the Jews, may appear by the Scripture Story of Shiboleth, nor is it either in the Greek or Latin.
Idem l.ioc.c.3. (B) is not pronounced by the men of chima or Japan.
Item. vol. 5.c. (D) is not ufed amongit the Inhabitants of chima.
18. Sea.
Vofius de \(G\) r. (G) is not pronounced by the Mexicans.
cap.27. (P) is not acknowleded in the Arabick, nor was this ufed amongtt the Jews before the Invention of Points.
( T ) is not ufed by thé Inhabitants of Japare.

\section*{Chap. XIV. Concerning \(\mathcal{P}\) (atural Grammar.}
(C) as reftrained to the power of \(K_{z}\) is for ought I know, of genesal ufe.
'Tis not improbable but that there may be a difficulty and difufe of every one of thefe Letters in feveral Nations of the world; upon which account it is excufable, if in the framing of a Language, it be propofed to make ufe of all the Letters, without any particular choice of fome, and feclufion of others. Or if any be excluded, they ought in reafon to be fuch, as feem moft difficult to thofe, amongtt whom this Language hath its firtt Rife and Original. And fuch others fhould be moft frequently ufed, as are generally efteemed moft eafie and pleafant.

Thefe 34 Letters before enumerated, will fuffice to exprefs all thofe articulate founds, which are commonly known and ufed in thefe parts of the World. I dare not be over-peremptory in afferting that thefe are all the Articulate Sounds, which either are, or can be in Nature; it being perhaps as impolible to reckon up all fuch, as to determine the juft number of Colours or Tafts: But I think that thefe are all the principal Heads of them, and that as much may be done by thefe (if not more) as by any other Alphabet now known.

\section*{PART}

\title{
Chap. I. Concerning a Real Cbaraiter.
}

\section*{PARTIV.}

\section*{Concerning a Real Character, and a Philofophical Language.}

\author{
CHAP. I.
}

The Propofal of one kind of Real Character (amongft many others wobich might be offered) both for the Integrals, pobether Genus's, Differences or Species, together woith the Derivati0 s and Inflexions belonging to them, as likewife for all the foveral kinds of Particles.

THe next Enquiry thould be, what kind of cbaracter ot Language may be fixed upon, as moft convenient for the expreffion of all thofe Particulars above mentioned, belonging to the Philofophy of speech; in order to which it may feem, that the firt Enquiry flould be concerning Language; Becaufe Writing is but the figure of Articulate found, and therefore fubfequent to it: But though it be true, that men did firft \(\int\) peak before they did worite, and confequently writing is, but the figure of speech, and therefore in order of time fubfequent to it; yet in order of Nature there is no priority berween thefe: But voice and founds may be as well afligned to Figure, as Figures may be to sounds. And I do the rather begin with treating concerning a common Cbarader or Letter, becaufe this will conduce more to that great end of Facility, whereby (as I firft propofed) men are to be invited to the Learning of it. To proceed from the Language to the CharaCter, would require the learning of both; which being of greater difficulty, than tolearn one alone, is not therefore fo futable to that intention of ingaging men by the Facility of it. And becaufe men that do retain their feveral Tongues, may yet communicate by a Real Character, which fhall be legible in all Languages; therefore I conceive it moft proper to treat of this in the firt place, and hall afterwards Shew how this Character may be made effable, in a diftinct Language.

All Character, fignifie either Naturally, or by Inftitution. Natural Cbaracters are either the Piqures of things, or fome other symbolical Ddd . Repre-

Reprefentations of them, the framing and applying of which, though it were in fome degree feafible, as to the general kinds of things \(;\) yet in moft of the particular species, it would be very difficult, and in fome perhaps impoffible. It were exceeding delirable that the Nemes of things might confift of fuch Sounds, as fhould bear in them fome Analogy to their Natures; and the Figure or Character of thefe Names hould bear fome proper refemblance to thofe somids, that men might eafily guefs at the fence or meaning of any name or word, upon the firtt bearing or fggt of it. But how this can be done in all the particular feecies of things, I underftand not 3 and therefore fhall take it for granted, that this Character muft be by Inftitution. In the framing of which, there are thefe four properties to be endeavoured after.
1. They fhould be moft fimple and eafie for the Figure, ta be defrribed by one Dactus of the pen, or at the moft by two.
2. They muft be fufficiently diftinguifhable from one another to prevent miftake.
3. They ought to be comely and graceful for the thape of them to the eye.
4. They fhould be Methodical, Thofe of the'fame common nature, having fome kind of futablenefs and correfpondence with one another; All which qualifications would be very advantageous, both for \(V_{n-}\) derftanding, Memory and V/e.

Thofe Characters mult reprefent either
\(\left\{\begin{array}{l}\text { Integrals }\left\{\begin{array}{l}\text { Radicals. } \\ \text { Derivations. } \\ \text { Inflections. }\end{array}\right. \\ \text { Particles }\left\{\begin{array}{l}\text { Grammatical. } \\ \text { Tranfcendental. }\end{array}\right.\end{array}\right.\)

The firft thing to be enquired after, is to find out fitting Marks for the common Genus's or Heads in the former Tables of Integrals, which are therereduced to the number of forty. It were not difficult to offer feveral Varieties of thefe Marks or Generical Characters, with their different Advantages and Conveniences; to which purpofe I had prepared fundry kinds of them, which I once thought to have inferted here: but upon further confideration, I fhall mention only ope of them, which I have chofen out of the reft, as feeming to me to be in all refpects the moft convenient amongit them.
Chap. I. Concerning a Real Cbaradter. \(\quad 387\)


The Differences are to be affixed unto that end which is on the left fide of the Character, according to this order;


The Species fhould be affixed at the other end of the Character according to the like order.


And whereas feveral of the Species of Vegetables and Animals, do according to this prefent conftitution, amount to more than Nine, in fuch cafes the number of them is to be diftributed into two or three Nines, which may be diftinguifhed from one another by doubling the ftroke in fome one or more parts of the Character; as fuppofe after this manner, \(-\infty\). If the firft and moft fimple Character be made ufe of, the Species that are affixed to it, will belong to the firt combination of Nine; if the other, they will belong ancording to the order of them, unto the fecond Combination.

Thofe Radicals which are paired to others uppon aecount of oppoffition, may be exprefled by a Loop, or ( 0 ) at the left end of the Character, after this manner, \(\infty\)

Thofe that are paired upon the account of Affinity, are ta be expreffed by the like Mark at the other end of the Character, thus, \(\infty\)

The double Oppofites of Exaefs or Defect, are to be defcribed by the Tranfcendental points, denoting Excefs or Defect, to be placed over the Character, as thall be fhewed after.

Ddd 2 Adje-

Adjectives thould be expreffed by a Hook at the right end of the Character in\{ Genus's or Differences, thus -
\(\{\) Species \(\longrightarrow\) -
Adverbs (being very near of kin to adjectives) may be expreffed by a Loop in the fames Genus's and Diff. - م place. In Species -a
Abftracts may be expreffed by a Hook at the left end of the Character. In \(\left\{\begin{array}{l}\text { Genus's } \\ \text { Differences and Species }\end{array}\right.\)

The ACIive and Paffive voice may be expreffed, one of them by a Hook, and the other by a Loop, at the left end of the Character, after this manner, in \(\left\{\begin{array}{l}\text { Genus's }\left\{\begin{array}{l}\text { Aative } \\ \text { Paffive }\end{array}\right. \\ \text { Differences or Species }\left\{\begin{array}{l}\text { Active } \\ \text { Paffive }\end{array}\right]\end{array}\right.\)

The Plural Number may be expreffed by a hook at the right end of the Character, after this manner, in \(\{\) Genus's and Differences \(\rightarrow\)
\{Species ——
The Characters of the Particles thould each of them be of a lefs figure, and capable of being varied to a threefold place. The Grammatical Particles, being applied to the Gides of the Character, and the Tranfcendental Particles to the top of it.

Thefe Grammatical Particles are here contrived to fuch a kind of diftinct futablenefs, fo as each of the feveral kinds of them, hath a feveral kind of Character affigned to them.
1. The Copula, by the mark of \(\left({ }^{\circ}\right)\)
2. Pronowms, by Points. (... : : : :
3. Interjections by upright Lines ftreight or hooked; (1arsu)

5. Adverbs, by a right angled Character \(\left\{\begin{array}{l}\perp \rightarrow 7 r \\ 5+i+i \\ +\end{array}\right.\)
6. Comjunctions by anacute angled Cbaracter \(\left\{\begin{array}{l}\text { va>< } \\ \text { y } 1 \times x\end{array}\right.\)
7. Articles by two oblique Lines to be placed s , towards the top of the Charaiter\{
8. arodoe

Chap. I. Concerning a Real Charalder.
8. Modes by circular Figures \(\left\{\begin{array}{l}862 \\ \text { mixed } \\ 92 \\ 98\end{array}\right.\)
9. Tenfes by a fmall ftreight tranfverfe Line (-)

Amongf thefe Grammatical Particles the firft fix are more principal and abfolute, viz.
1. The Copula, being the Verb Sum, according to a threefold difference of time.
\(\therefore \begin{aligned} & \text { - } \begin{array}{l}\text { Have been, haft } \\ \text { An, art, is, are. } \\ \text { Shall be. }\end{array}\end{aligned}\)
2. Pronowns. \(\cdot\left\{\begin{array}{l}\text { I } \\ \text { Thou } \\ \text { He }\end{array}\right\} .\left\{\begin{array}{l}\text { We } \\ \text { Ye } \\ \text { They }\end{array}\right\}\left\{\begin{array}{l}\text { This, That } \\ \text { The fame, Another } \\ \text { Acertain, Some body }\end{array}\right\}:\) \(:\left\{\begin{array}{l}\text { Any } \\ \text { Every } \\ \text { All }\end{array}\right\} \begin{aligned} & \text { Who ? } \\ & \text { Which. } \\ & \text { Whofoever. }\end{aligned}\)
If one of there Pronouns, fuppofe ( \(\cdot\) ) be placed at the fide of the Character before it, - it fignifies the firt Perfon (I.) Ifat the middle, - it fignifies the fecond perfon (Thow.) If at the bottom, it fignifies the third perfon (He.) And if they are thus affixed after a Cbaracter that fignifies Action, they will then denote the Accufative Cafe, Me, Thee, Him. to \({ }^{\circ}{ }^{2}\) 2 \({ }^{2}\) is, 1 love hims.

If any of the Pronouns are to be rendered intheir Poßelfive fence, this is to be expreffed by a little curve Line under them, as (ث) So is My, or Mine, (-) is Ours, (-) is Thy or Thine, ( \(C_{-}\)is His, And ( - ) is Theirs.

The Reduplicative Notion of Pronouns may moft naturally beexpreffed by a doubling of their Charater with a Fulcrum or Arrectitarius interpofed. So \(I \cdot\) is I me, that is, I my felf. \(\psi\) is Thou thee, Thou thy felf. .I. He him, He himfelf. And fo for the Poffeflees that are reduplicative \("\) Mine mine, that is, My own, ere.
And whereas Reveral of the Pronouns were before faid to be applicable both unto Place, Time, and Manner, this ought to be expreffed in writing by the help of an Arrectariut, with the Tranfeendety tal Marks of PI. T. M. So \(\because\) is, Which place. Thus \({ }^{\prime} \mid\) is, What price, or Where ? " \([\) is, What time, or When ? \(\bar{T}\) is, What manner, or How?

Interjections may be thus expreffed;
\[
\begin{aligned}
& \left.\right|^{\prime}\left\{\begin{array}{l}
\text { Admiring } \\
\text { Doubting } \\
\text { Defpifing }
\end{array}\right\}^{7}\left[\begin{array}{l}
\text { Love, Hatred } \\
\text { Mirth, Sorrow } \\
\text { Defire, Averfation }
\end{array}\right\}^{\prime} \\
& \cdot\left\{\begin{array}{l}
\text { Exclamation, Silence } \\
\text { Befpeaking, Expreffing attention } \\
\text { Infinuation, Threatning }
\end{array}\right\}
\end{aligned}
\]

The Marks for Prepofitions may be thus applied s
\(\left.\sim\left\{\begin{array}{l}\text { Of, With } \\ \text { By, For } \\ \text { Out of, Concerning }\end{array}\right\} n, \begin{array}{l}\text { According, Inftead } \\ \text { With, Without } \\ \text { For, Againft }\end{array}\right\} c\)
\[
w\left\{\begin{array}{l}
\text { To, At } \\
\text { From, Off } \\
\text { Over, About }
\end{array}\right\}
\]
\[
\begin{gathered}
{ }_{3}\left\{\begin{array}{l}
\text { Into, In } \\
\text { Out of, Without } \\
\text { Thorough, Befide }
\end{array}\right\} \varepsilon \sim\left\{\begin{array}{l}
\text { Upwards, Above } \\
\text { Downwards, Below } \\
\text { Before, Behind }
\end{array}\right\} \\
\qquad\left\{\begin{array}{l}
\text { Upon, Under } \\
\text { On this fide, Beyond } \\
\text { Betwixt, Againft }
\end{array}\right\} s
\end{gathered}
\]

The Marks for Adverbs may be thus applied;
\(\rightarrow\left\{\begin{array}{l}\text { Yea, Nay } \\ \text { Perhaps, Truly } \\ \text { As, So }\end{array}\right\} \sim\left\{\begin{array}{l}\text { How, So } \\ \text { More, Moft } \\ \text { Lefs, Leaft }\end{array}\right\} r=\left\{\begin{array}{l}\text { Rather, Than } \\ \text { Yet, Until } \\ \text { Whillt, At length }\end{array}\right\} r\)
\(-\left\{\begin{array}{l}\text { Together, Only } \\ \text { Again, As if } \\ \text { Un, Re }\end{array}\right\}+\quad+\begin{aligned} & \text { Almoft. } \\ & \text { Scarce. } \\ & \text { Thereabout. }\end{aligned}\)
The Marks for Conjunctions may be thus applied;
\(v\left\{\begin{array}{l}\text { Whether yea, Whether no } \\ \text { And, Neither } \\ \text { If }\end{array}\right\} \wedge=\left\{\begin{array}{l}\text { Indeed, But } \\ \text { Although, Notwithftanding } \\ \text { Or, Either }\end{array}\right.\)
\({ }^{\prime}\left\{\begin{array}{l}\text { That, Leaft that } \\ \text { For, Becaufe } \\ \text { Wherefore, Therefore }\end{array}\right\} \times\left\{\begin{array}{l}\text { Whereas, Thereupon } \\ \text { Alfo, \&c. } \\ \text { viz, e.g. }\end{array}\right\}\)

The other three kinds of Particles are more fervile and auxiliary.
The Articles may be expreffed (as was faid before) by twooblique Lines to be placed towards the top of the Character \(\left\{\begin{array}{l}\text { A } \\ T \mathrm{Th}, \text {, }\end{array}\right.\)

The Mark for the Imperative Mood, according as it is applied to reveral places of the Character, may exprefs the mode of
\(8_{8}^{8}\left\{\begin{array}{l}\text { Petition } \\ \text { Perfwafion } \\ \text { Command }\end{array}\right.\)
The

The Secondary Moods may have their Marks thus applied to them;
\begin{tabular}{|c|c|}
\hline Power & \[
\left\{\begin{array}{l}
\mathrm{C}_{\text {an }}{ }^{\circ} \\
\text { Could }
\end{array}\right.
\] \\
\hline Liberty & \[
\left\{\begin{array}{l}
\text { May }{ }^{\text {M }} \text { Might }
\end{array}\right.
\] \\
\hline Will & \{Will, \\
\hline Neceffity & \[
\left\{\begin{array}{l}
\text { Muff, hall } \\
\text { Muft, hould }
\end{array}\right.
\] \\
\hline
\end{tabular}

Several of thefe Secondary Modes, will according to their places, towards the top, middle, and bottom of the Character, comprehend in them the feveral differences of time; fo \({ }^{\circ} 9\) 는 is I would have writ.

The Marke for the Tenfes, Paft, Prefent, and Future, may be thus applied ; - Have been, haft been, hath been.
applied; - Am, art, is. Shall be.

The Tranfcendental Marks to be put in three places over the head of the Character, may be thus applied;


Whereas there is fomewhat peculiar in the nature of Numbers, diftina fromany of the other Heads, by reafon of their great multitude, and various kinds; It may feem therefore neceffary to offer fome more particular directions for the expreffion of them, both as to the Numbers themfelves, and as to the Grammatical Variations of them.

Numbers are ufually expreffed in Writing either by poords at length, or by Figures.

The Character here propofed under the firft difference of Meafure, is that which doth anfwer to the writing of Numbers in vords as length, And

And becaule the Species enumerated under that difference, are but nine, for the nine Digits; therefore will it be convenient in the firt place, to explain the manner how all other numbers above nine, are to be expreffed in this Character; which may be done by affixing fome of thefe fourMarks, ( \(\cup, ~ د v\) ) put after the Character, clofer to the Body of it than ordinary, to denote thofe round Numbers, Ten, Hundred, Thoufand, Million.


But becaufe thofe common Figures now in ufe, borrowed from the Arabians, are fo generally known, and a kind of Univerfal Character already received; therefore it may be moft convenient ftill to retain the ufe of them, as being much better fitted for all the Arithmetical Operations; of Addition, subtradtion, Multiplication and Divifon, \&c. than either that Numerical Character mentioned before, or the way of Numeration by Letters, or any other way that I can think of.

As for thofe Variations of which Numbers are capable, and according to which Grammariaus do commonly diftinguifh them, they may be thus expreffed.
1. Thofe which arecalled Cardinal Numbers, One, Two, Three, dec. are the Radical Numbers themfelves.
2. Ordinals, as \(\left\{\begin{array}{l}\text { Firf, fecond, third, } \boldsymbol{G} c . \text { are Adjectives Nenter. } \\ \text { Firfly, fecondly, thirdly, Ovc. are the Adverbs New- }\end{array}\right.\) ter.
3. Diftributives may be expreft by the Subftantive Nenter, with the Tranfeendental Mark of segregate, the botantive it felf being put for one fort of Diftributive in the fingular Number, as fing. 3. (fegr. will denote three, one by one; or for another fort of Diftributive, being put in the pluralnumber, as plural 3.(regr, will fignifie by threes, or three by three.
4. Collectives may be expreft by the Subftantive Neuter, with the Adverb together before it, with the tranfcendental Mark of Aggregate over it, as together-three, or three (Aggr. is a ternary, a lealh, Orc.
5. Multiplying a Number may be exprefled by the AClive of it, as a. three is trebling, and being multiplied by the Paffive of it, asp.three being trebled.
6. Dividing a Number into parts, may be expreft by the Adtive with the tranfcendental Mark (Part. as a three (part) is diviaing into 3 parts, or active tripartition. Being divided into parts, may be expreffed by the Paffive with the mark of part; as ip. three. (part) is being divided into 3 parts, or paffive tripartition. Ifthis Divifion be into equal parts, one may exprefsit by adding the Adverb ëqually.
- 7. A Fradtion may be expreft; If it be the Aliquot part of a Number, by the Adjective Neuter, \({ }^{\text {' }}\) with the Tranfcendental Mark of Part \({ }_{3}\) as adj. three (part) a third part, and it may be written thus, 3.) I; If it be not the Aliquot part of a Number, it may be expreft by both the Numbers which are to be confidered in it, as shree fevenths may be called a feventh part of three, and it may be written thus, 7 ) 3 .'
8. A Ration may be expreft Jikewife by both the Numbers which are to be confidered in it, in fpeaking thus; as three to feven, in writing ;
9. Number of species or Sorts, may be expreft by the Number with the Tranfcendental Mark of (kind) as threefold, 3 (kind.
10. Number of Times or Places likewife; by the Tranfendental Marks of Time or Place refpectively, as önce, twice, ©rs: in one \(\left\{\begin{array}{l}\text { time in two }\left\{\begin{array}{l}\text { times } \\ \text { place }\end{array} \text { in three }\left\{\begin{array}{l}\text { times } \\ \text { places }\end{array} \text { orc }\right.\right.\end{array}\right.\)
11. Abfract Numbers, as Unity, Duality, Trinity, may be expreft by adding the Mark of Abftract upon the Character.

If the Queftion be how thefe Grammatical Variations may be contrived in the ufe of the ordinary Figures for Number, this may be done by affixing fuch variations upon a Tranfverfe Line over the head
 third, ơc. So 1. 2. 3 will be the Adverb, Firftly, fecondly, thirdIf, So 2. 3. '4. will be twofold, threefold, fourfold, orc So '1. '2. '3. \&c. will be once, twice, thrice, érc.
- The Charaders that ferve for Interpuaction, may be thus contrived;

Comma,
Colon
Period
Thofe other Notes to dintinguifh the various manners of Pronuntiation may be Charactered after this manner 3
Hyphen
Parenthefis ()
Explication []
Interrogation ?
Wonder 1
Irony I

Thefe Marks having not any fuch near refemblance to the other Real CbaraElers, appointed either for Integrals or Particles, need not therefore be changed,

The Note for Emphafis, may be expreffed either by a reduplication of the Characters, if it confift in one word; or by fome variety in the Thape of the Characters, if it confift in feveral words, as is ufual in that way of printing Words in an Italic Letter

The meaning of thefe things will appear more plainly by an Example: To which purpofe I Mall fet down the Lords Prayer, and the Creed written in this Character, which I thall afterwards explain and refolve according to the forementioned Rules.

CHAP.

\section*{CH A P. II.}

\section*{Inftances of this Real Character in the Lords Prayer and the Creed.}

FOr the better explaining of what hath been before delivered concerning a Real Character, it will be neceffary to give fome Example and Inftance of it, which 1 Thall do in the Lords Prajer and the Creed: Firft fetting each of them down after fuch a manner as they are ordinarily to be written.' Then the Characters at a greater diftance from one another, for the more convenient figuring and inter lining of them. And laftly, a Particular Explication of each Charader out of the Philofphical Tables, with a Verbal Interpretation of them in the Margin.

\section*{The Lords Prayer.}
\[
\begin{aligned}
& \text { " }
\end{aligned}
\]
\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline 1 & 2 & 3 & 4 & 5 & 6 & & 7 & 8 & 9 & & 0 & 11 & \\
\hline \(\stackrel{ }{*}\) & 3-1 & : & - & \(\varepsilon\) & + & & - & <へ, & 8 & & ه & & \\
\hline
\end{tabular}

Our Parent who art in Heaven, Thy Name be Hallowed, Thy

Kingdome come, Thy Will be done, fo in Earth as in Heaven, Give
 to us on this day our bread expedient and forgive us our trefpaffes as
we forgive them who trefpafs againft uss and lead us not into

temptation, but deliver us from evil, for the Kingdome and the
\begin{tabular}{|c|c|c|c|c|}
\hline 71 & 7273 & 747576 & 77 & 787980. \\
\hline ¢ภ & \(\checkmark 1\) & - & C6 & 98 \\
\hline
\end{tabular}

Power and the Glory is thine, for ever and ever, Amen.So be it. Eee2.
1. (̈) The firft Particle being expreffed by ;Points, doth denote the thing thereby fignified to be a Pronoun: And whereas there are two Points placed level, towards the upper fide of the Character, they mutt therefore (according to the Directions premifed) fignifie the firft Perfon Plural Number, viz. We. And becaufe there is a curve Line under thefe Points, that denotes this Pronoun to be here ufed Pofeflruely, and confequently to fignifie our.

Heaven.
2. ( 4 З 3 ) This next Character being of a bigger proportion, muft therefore reprefent fome Integral Notion. The Genus of it, viz. (-3) is appointed to fignifie Oeconomical Relation. And whereas the Tranfverfe Line at the end towards the left hand, hath an affix, making an acute Angle, with the upper fide of the Line, therefore doth it refer to the firlt Difference of that Genus, which according to the Tables, is relation of Confanguinity : And there being an Affix making a right Angle at the other end of the fame Line, therefore doth it fignifie the fecond Species under this Difference, viz. Direct afcending, by which the Nution of Parent is defined. And this being originally a Noun of Perfon, doth notthe need therefore Tranfc. Note of Perfon to be affixed to it. If it were to be rendred Father in the fricteft fenfe, it would be necefliary that the Tranfeendental Note of Male floould be joyned to it, being a little hook on the top, over the middle of the Character, after this manner \((<3-4,9\) The word Father in the moft Philofophical and proper fenfe of it, denoting a Male Parent. And becaufe the word Parent is not here ufed according to the ftricteft fenfe, but Metaphorically; therefore might the Tranicendental Note of Metaphor, be put over the head of it, after this manner, ( \(13-1\).) But this being fuch a Metaphor as is generally received in other Languages, therefore there will be no neceflity of ufing this mark.
3. (:1) This Character confifting of Points, muft therefore denote a Pronoun; and becaule it confifts of three Points, therefore mult it denote one of the Compound Pronouns, and being placed towards the middle of the Character, therefore muft it fignifie Who perfonal, or Which real.
4. (이) This Particle, being a fmall Round, doth therefore denöte the Capula, and being placed towards the middle of the Character, it muft therefore fignifie the prefent tenfe of it, Am, art, is, are, and being joyned with a Noun of the fecond perfon, is therefore in Englifito be rendered (Art.)
5. (घ) This Particle being of a curved figure, muft therefore refer to Prepofitions. - And by the fhape of it, it muft belong to one of the Oppofites in the fourth Combination of Prepofitions, and by the place of it, being towards the upper end of the Character, it is determined to the Prepofition (In.).
6. (+) This Generical Character is affigned to fignifie World, the right angled affix on the left fide, denoting the fecond Difference under that Genus, namely Heaven, which is defined to import either

\section*{Chap. I. Concerning a Real Cbaraller.}
a place or ftate of the greateft perfection and happinefs; and becaufe there is no affix at the other end, therefore doth it fignifie the Difference it felf, and not any Species.
7. (-) This Particle, for the Reafon before mentioned (Numb. 1.) Thy is a pofficfive Pronoun, for its confifting of a fingle Point, it muft be of the fingular number; and for its place towards the middle of the Character, it mult relate to the fecond Perfon, viz. Thy, or Thine.
8. ( \(\angle 人\), ) The Genus denoted by this Character is Tranfcendental Name General; the affix to the end on the left fide, doth fignifie the firft Difference under that Genus, viz. the Kinds of Things and Notions, or thofe effential Communities wherein the things of different natures do agree. The affix at the other end of the fame Line, making an obtufe angle with the lower fide of it, doth fignifie the fourth Species under that Difference, vie. Name; which according to its primary fenfe is defcribed to be the word affigned for the fignifyinglany thing or notion.
9. \(\left(^{8} \mid\right)\) This Particle is appointed to fignific that which is called the may it be Imperative Mode by way of Petition, or May it be, or we pray that it may be.
10. \(\left(\sigma^{2}\right)\) This Generical Character doth fignifie Ecclefiaftical Rela- Hallowed tion: The affix making a right angle with the under part of the Genus, doth denote the fifth Difference, which refers to Di/cipline, or the due ordering of the Circumftances of Ecclefiaftical or facred things tn the beft advantage; under which the firft Species denoted by the acute Angle on the other end and fide, doth fignifie the more general notion of feparating things from their Commonnefs, and fetting them apart by way of Honour to a more peculiar ufe, which is called Confecrating or Hallowing. By the Loop on the affix for the Difference, is fignified the Palfive Voice; and by the Hook on the other affix, the notion of Adjective.
\[
\text { 11. }(-1) \text { as Numb. } 7 \text {. Thy }
\]
12. (2 2 S ) This Generical Character doth fignifie Civil or Political Relation. The affix on the left fide, doth fignifie the firft Diff-- \(\begin{aligned} & \text { Regnation, or } \\ & \text { rence regnare. }\end{aligned}\)
rence that Genuis which is Degrees of Perfons. The affix on the Species fide, doth refer to the fecond Species, which is King, defined to be the mott principal and abfolute amongtt the kinds of Magiftrates. The Hook at the end of the Difference affix doth figmifie Action: So that the proper notion exprefied by this Character is Regnation, or to regnare, which is the Subftantive of Altion, as King is of PerSon.
\[
\text { 13. }\left({ }^{8} \mid\right) \text { as Numb. } 9 .
\]
14. (ح) The Genus denoted by this Character is Tranfcendental Attion; the affix on the Difference fide, making an acute Angle uith \({ }^{\text {coming }-. .: ~}\) the lower fide, doth fignifie the fixth Difference, which jaccording to the Tables doth refer to Ition, going, or paffing; the affix on the Spe-
cies fide, being the firft, doth according to the Tables, refer to the word Coming, which is defcribed to be motion to a place nearer to us: The Hook on the Difference doth fignifie ACtive voice, and the Hook on the other affix, the notion of Adjective, viz. Coming.
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15.(-1) as Numb. 7.

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17. \(\left.{ }^{\ell} 1\right)\) as Numb. 9. form, viz, performed or done.
20. \(\left({ }^{\varepsilon} \mid\right)\) as numb. 5 . end. other.
23. ( \({ }^{\varepsilon} \mid\) ) as numb. 5.

24 ( 4 ( - ) 29nиmb. 6.
18. ( \({ }^{\circ}-\Omega_{乙}\) ) The fame Generical Character with Numb. 14. denoting Tranfcendental ACfion. The obtufe angle on the left fide fignifies the third Difference, viz. Gemeral Adtions relating to Bufinefs. The acute Angle at the other end, fignifies the fixth Species, viz. the doing or effecting what we undertake and, defign, which we call performing or accomplijhing; the Loop at the end of the Difference doth denote the Pallive voice, and the Hook upon the other affix, the notion of Adjective; fo that this Character fignifies the Adjective Pafive, of per-
19. (1) This Character being a right angled Particle, doth denote fome Adverb; and by its Ihape it appears to be one of the Oppofites in the firt Combination, and by its place towards the lower end of the Character, it is determined to the Particle (80.)
21. (ㄴA) The fame Generical Character as mumb. 6. fignifying World, the affix making a right Angle, doth denote the fecond difference under that Genus, namely, the Celestial parts of it in general, amongft which, this Globe of Sea and Land whereon we live, is reckoned as the feventh Species, denoted by the affix at the other
22. (اد) Thts Particle being oppofite to that numb. 19. fignifying So, muft therefore fignifie \(A s\), the one being the Redditive of the
25. (i) The fame as numb. 9. but being here joyned with a word Active of the fecond Perfon, it muft be rendered in Englifh, Maist thow be.
26. ( \(\Omega^{\Omega}\) ) The Genus of this Character is the fame with number Giving: 14, \& 18. denoting Tranfcendental ACtion; The affix on the left hand, making an obtufe Angle with the lower fide of the Genus, doth therefore fignifie the fourth Difference, which concerns Actions relating to Commerce: and the affix at the other end making fuch an obtufe angle, doth therefore fignifie the fourth Species, which according to the Tables, is Giving, defcribed to be the parting with fomething to another, to which we our felves have a right. The Hook at the end of the Difference affix, doth fignifie Agtive, and the other, Adjective, viz. Giving.
27. ( \({ }^{w} \mid\) ) This Particle, by the figure of it, muft fignifie a Prepo- Ta fition of the third Combination, and by its place at the upper fide of the Cbaracter, it is determined to fignifie the Prepofition (Ti.)
28. (1") This Particle confifting of Points, doth therefore denote us. a Pronown ; and becaufe there are two Points placed in a Level towards the top of the Character, therefore muft it fignifie the firft Perfon plural, as numb. i. And coming after a Verb, it is to be rendered in Englifh as we do the Accufative Cafe, (Us.)
29. ( \({ }^{\text {( }}\) ) as numb. 5-
30. (I) This Pronoun particle confifting of two points placed ob-This liquely from the bottom towards the top, doth therefore fignifie one of the Relative Pronouns; and being placed at the top of the Character, it muft fignifie (This.)
31. ( \(\mathrm{H}_{-1}\) ) This Generical Character is appointed to fignifie the Day Genus of Meafure. The affix on the left hand, making a right angle with the lower fide of the Lioe, fignifies the fifth Difference, which is Meafure of Time. The affix at the other end, making the like angle, doth denote the fifih Species, viz. Day Natural, which is defcribed to be the time of the Suns motion from any one Meridian to the fame again.
32. ( \({ }^{(1)}\) ) as numb. 1.
33.( This Character is appointed to fignifie the Genus of Oeco- Bread nomical Provifions, of which, the firf Difference denoted by the affix on the left hand, doth refer to SuSfentation ordinary, and the firt Species at the other end, doth refer to fuch kind of ordinary food as is of a more folid confiftence, made of Grain, or fome other Vegetable baked, without any confiderable mixture, being of all other kinds of Food moft neceflary and common, which is Bread.
34. \(\left(\mu^{4}\right)\) The Genus of this Character doth fignifie Tranfcenden- Expedietit eal Gemeral, as before, N. 8. The affix on the left band being the fifth, doth depote the Differences of things relating to means; where the feventh species, denoted by the affix at the other end, doth fignifie that kind of ufefulneff, which may probably promote the end, which we call Expediency; and becaufe the Hook at the end of the Species affix doth denote adjective; therefore this Character muft fignifie expedient.
\(400 \quad\) Concerning a.Real Cbaraller. Part IV-

And
35. (v|) The Particle reprefented by an acute angled figure, muft therefore refer to Comjunctions. By the pofition of the Angle downwards, and by the fituation of it towards the middle of the Character, it muft denote the Conjunction, And.

Maift thou be
Forgiving
\[
\text { 36. }\left(^{8} \mid\right) \text { as numb. } 9 .
\]
37. (2-1) The Genus of this Character doth fignifie Fudicial Relation. The affix on the Difference fide, making a right angle with the upper fide of the Genus, doth therefore fignifie the fecond Difference, viz. Fudicial Actions. The affix for the Species being the ninth, doth fignifie that kind of Forinfic Action, which is confequent with refpedt to the Judges, inflicting the punifment or freeing from it; the firtt of which is executing, to which is oppofed (fignified in the Character by the Loop on the left hand) Pardoning, or forgiving. The Hook upon the affix for the Difference, denoting the AEtive voice, and that upon the other affix, the Adjective.
38. ( \({ }^{\omega}\) ) as numb. 27.
39. (I') as numb. 28.
40. ( \(\left.{ }^{\circ} 1\right)\) as numb. I.
41. ( \({ }^{2} \mathrm{Cl}\) ) The fame Generical Character as numb. 8, \& 34. fignifying Tranfcendextal General. The obtufe angle on the left fide doth fignifie the third Difference, viz. the more common and abfolute Differences of things. The affix at the other end, making a right Angle with the upper fide, doth fignifie the fecond Species, namely, that Difference of things which doth include a refpect to the Will, as to their agreement ordifagreement with that Faculty, whereby they are rendered defirable, or avoydable; which we call Goodnefs or Evilnefs. The Loop towards the left hand, at the joyning of the Affix, doth denote the Oppofite in the Tables, namely, Evilnefs: The Hook at the other end of the fame Affix. doth fignifie the ACtive voice; and the hook on the other frde, the Plural Number: So that the true importance of his Character muft be evilactions, which is the fame with that which we ftile Irefpafes.

\section*{we}
42. (1) as numb. 19.
43. ("I) as numb. 24.
are 44. (o|) as numb. 4. But being here ufed with a word of the plural number, it mult be rendered Are.

\section*{Forgiving}
45. (2-2 ) as numb. 37.
To
46. ("I) as numb. 27,

Them , 47. (1.) This Particle Pronoun confifting of two points placed level, mult fignifie the Plural Number of one of the Perfonal Pronouns, and being at thelower end ofthe Character, it mult lignifie Thes, and coming after the Verb, it mult be rendered Them.
Who

\section*{Chap. II. Concerning a RealCbaracter.}
49. ( \({ }^{\circ}\) ) as numb. 44. But being here placed towards the upper Have been part of the Character, it muft fignifie the Copula in the Preter Tenfe, Have been:
50. ( \(\alpha-1\) ) The fame Radical as numb.41. Only the Hook on the Trangreffing Species affix, is on that fide which fignifies the notion of \(A\) djective, viz. Transgreffing.
51. (d) This Particle doth by its figure appear to be one of the Againt oppofite Prepofitions of the fecond Combination, and by its pofition towards the bottom of the Character; it is determined to ( \(A\) gainf.)
\[
\begin{array}{ll}
\text { 52. (I') as Numb. 24. } & \text { us } \\
\text { 53. }(\| \mid) \text { as Numb. } 3 \mathrm{r} . & \text { And }
\end{array}
\]
54. (4) This Particle by the figure of it, mult be one of the Op . pofires of the firft Combination of \(A d v e r b s\), and by the place of it, it \({ }^{\text {Not }}\) muft be the Negative Particle No, or Not.
55. ( \({ }^{9}\) I) as Numb. 9 .

Maift thou be
56. ( \({ }^{\Omega}\) ) The fame Generical Character as Numb. 14, 18. 26. fignifying Tranjcendental Action, The Difference on the left hand, be- Leading ing the fame as Numb. 14. Namely, the fixth, denoting Itian; where the fifth Species fignified by the right angled affix at the other end, doth by the Tables fignifie Leading, which is defrribed to be the caufing of another thing to come after. The Hook on the Difference affix, doth fignifie ACtive, and the other Hook Adjective. viz. Leading.

57, (1') as Numb. 28.
\(u_{s}\)
58. ( \({ }^{3}\) ) This Particle by the place and lhape of it, muft be oppofite to that, Numb. 5. And confequently, according to the Tables, mult fignifie (Into.)
59. \(\left(\Omega_{-p}^{\sim}\right)\) The.Generical Character the fame with that, \(N .14,18\), Tempration 26,56.The right Angle on the left fide denoting the fecond Difference, viz. General Relations of Actions Comparate: The right Angle at the other end and fide, fignifying the fifth Species, which in the Tables, is Comparing; to which is adjoyned by way of Affinity (fighified by the Loop) the Notion of Trying, or the Examining ofthings, for the diftinguibling of their Truth and Goodnefs. And becaufe this is in it felf of an indifferent nature, and confequently not to be deprecated; therefore the true Notion of it in this place, muft be confined to fuch kind of Temptations or Trials as may be hurtful, which is expreffed by the Tranfcendental Particle of Corruptive, fet on the top of the Character towards the right hand.
60. (¹) This Particle by the figure of it, mult denote a Conjunction, and an Oppofite belonging to theifecond Combination, and by But the place of it towardsthe upper end of the Character, it is determined to the ConjunClion, (But.) Fff \(\mathbf{6 I}_{\text {I }}\).
62. (22~) This Generical Character doth fignifie Spiritual Altion, under which the firt Difference denoted by the acute Angle on the left fide, doth refer to the Actions of God, (i. e.) fuch kind of Actions as do primarily belong to the Divine Nature; though fome of them to other things. The right And by way of participation be aferibed note the fifth Species, which is de made by the other affix, doth defrom any kind of evil; which we call Delivering. The Hookg one each affix (as hath been often faid before) mult denote AClive, and Adjective.
Us. 63. (l') as Numb. 24.
64. (wl) A Prepofition of the third Combination, and by its place 66. ( \(y \mid\) ) This Particle, by the fhape of it, muft be a Conjunction of
the third Combination, and by the pofition of it about the middle of the Charafter, it muft be the Caufal Particle For, or Becaufe.
67. ('I) This oblique ftroke towards the top is a ppointed to fggoifie one of the Articles fubfervient to Subftantives; and becaufe the obliquity of it, is from the bottom upwards towards the right hand, therefore doth it denote the Demonftrative Article The.
68. (2f) as Numb. 12.

Regnation, or
69. (vi) as Numb. 35.

The 70. ( 1 ) as Numb. 67.
Power \(\quad 7 \mathbf{I}^{\circ}\) (n) This Generical Character doth fignifie Habit ; the right angle on the left fide, denoting the fecond Difference, which comprebends the Inftraments of Virtue, commonly ftiled the Goods of Forture: the right angle at the other end, fignifying the fifth Species, which is Porper, defcribed to confift in an ability to protect our felves and others from Injury.
73. ( \({ }^{\prime}\) ) an Numb. 67.
 rence with Numb. 71. The affix towards the right hand fignifying the fecond Species, which is Reputation, which by the tranfeendental mark of Augmentative over the Character towards the right hand, doth import the Notion of Glory, ziz. the greateft kind and degree of Repu: tation.

\section*{Chap. II. Goncerning a Real Cbarader. - 403}
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75. (01) as Numb. 4. is
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76. (-1) as Numb. 7.
 Thine
77. (Ľb).This Generical Character, doth fignifie the Genus of everly space. The inciteangle on the left fide to the top, doth denote the firt Difference, which is Time: The other affix fignifies the ninth feecies under this Difference, which is Evernefs. The Loop at the end of this affix denotes the word to be ufed adverbially; fo that the Renie of it auft be the fame which we exprefs by that phrafe, For ever aued ever.
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78. ( ) The word Amen in the Literal Character. Amen
79. (1) as Numb, Ig: . - so
80.(1) as Numb.g.
May it be.:
```
Ff \(2 \quad\) The

\section*{404}

\section*{The Creed.}
-后的 <
 " \({ }^{\circ}\) oil
 Trim


of Earth, and in Jefus Chrift his Son only our Lord, who was
 conceived by the Holy Ghoft,. born of the Virgin.Mary, faffered

nuder Pontius Pilate, was crucified, dead, and buried, he defended
 into hell, he did rife from the dead in the day third, He ascended

into heaven, where he fitteth at the right hand of God the Father,
\[
\begin{aligned}
& \text { w } \because \text {. . }
\end{aligned}
\]
from whence he fall come to judge the Quick and the dead. I believe

in the Holy Ghofts the Church holy Catholick, the Communion of


Saints, the forgiveness of fins, the refurrection of the body, and the
108 . 109
-5 :
life everlating.

\section*{Chap. II. Concerning a Real Cbaratier. \(40 \$\)}
1. (1) This Particle being a fingle point, muft denote one of the \({ }^{1}\) demontrative Pronouns in the fingular Number: And by its place towards the upper end of the Character, and before the Verb, the Nominative Cafe of the firf Perfon, viz. 1.
2. (ol) This Particle being a Round, mult fignifie the Copula, and Aul being placed towards the middle, and joyned with the Nominative cafe of the firft perfon, it mult be rendered ( \(A \mathrm{~m}\).)
3. ( \(m\) ) This Generical Character is appointed to fignifie the Believing Genus of Habit. The affix on the left hand making a right angle with the lower fide, doth fignific the fifth Difference under that Genus, which according to the Tables, is Infufed Habit. The other affix máking an obtufe angle, dath fignifie the fourth Species, iviz. Faith; which is defined to confilt in a readinefs of mind to yield an effectual affent (without any affected captioufnefs) unto revealed Truths, upon fuch Grounds as their natures are capable of, and fuch as are in ihemfelves fufficient to prevail with a prudent teachable man. The Hook upon the Difference denotes the AClive voice, and the hools upon the Species, the AdjeClive, viz. Believing.

The Word Believe being of an equivocal fenfe, may likewife be expreffed by the Genus of spiritual ACIion, the fecond difference, relating to the Acts of the speculative Judgment, and the affinis of the fecond Species, which is Believing; defcribed to be an affent to any thing as truth upon the credit of others by whom it is related. But'I rather chufe the former, as being more proper to this place.
4. (L) A freight Line being the moft fimple, is" "put for the Cha- God the fa: racter of God. The acute angle on the left fide doth denote the firtt ther Perfon ofthe Bleffed Trinity, namely, God the Fatber; which by following the Verb; is fuppofed to be in the objelt case. And this may better exprefs the true notion of Credo in Deins, than by ufing the Prepofition \(I n\), as the fenfe of that Particle is determined in the foregoing Tables.
5. (: \(:\) ) This Character doth by the two ftrokes denoting an Almighty Hypher, appear to be a Componned. The two Points denote a Pronoun of the third Combination, and by the place of them at the bottom, they mult fignifie the Vniverfal colleăive, viz. All:. The Integral Character with which this is compounded, is the Genus of Natural Power. The Hook at the end fignifies the Grammatical notion of \(A d\) jective. So that this compound Character may be rendered All-powerful, Omnipotent, or Almighty.
6. ('1) This Particle doth fignifie the Demonftrative Article The The:
7. (I) This Particle being a fmall tranfverfe Line placed at the fide, Hewing been muft denote one of the Tenfes, and being placed towards the upper part, it mult fignifie the Preter Tenfe.
8. (20) The Genus of this Charater is appointed to fignifie spi- Creating pet. ritmal
ritmal ACtion, or the ACtion of a Spirit, or Spiritual Faculty. The affix on the left, and that likewife on the right fide, making acule angles with the upper fide, muft therefore fignifie the firt difference under that Genus which refers to ACHiozs of God, and the firlt Species of that Difference, namely, Creation s which is defined to be, the putting of things into their firt being. The hook at the end of the Difference affix, doth fignifie Altive, and the other Adjedlive. The tranfeendental mark, of a little flat Line on the top towards the right hand, doth denote Perfon \(;\) fo that this Character with the precedent affixes, doth properly fignifie, the baving beew Creating Perfon.
9. (1) This Particle doth by its figure appear to be one of the Prepofitions of the firft Combination, and by its pofition towards the top of the Character, it is determined to be the firft of them, which in Latin and Greek is expreffed by the Gewitive cafe, and in Englifoby the Particle of.
10. (+-) The Genus of this Character fignifies W'orld. The affix on the left fide denoting the fecond Difference, is Heaven.
11. ( \(\mathrm{V} \mid\) ) This Particle, by the Thape of it, appears to be a Conjunt ction of the firft combination, and by the polition of it towards the middle of the Character, it muft be the fecond of them, viz. the Corsjunction Affirmative, namely, And.
12. ( \(\left.{ }^{( }\right)\)as Numb. 9.
13. (내) The fame Character as to Genus and difference with Numb. 10. The affix for the Species making an acute Angle, and paffing below the middle line, doth denote the feventh Species, which according to the Tables, is this Globe of Sea and Land.
14. ( 1 ) as Numb. 11 .
15. (—) The fame Generical Character as Numb. 4. The right Angle denoting the fecond Perfon in the Blefled Trinity, vir. Jefus chrijt.

Flis 16. (1) This Particle being a fingle point, muft denote one of the Demonftrative Promonns in the fingular number; and by its place to.wards the bottom of the Character, it muft fignifie the third Perfon, or He ; and being made poffeflive by the curve line under it, it mult be rendered His.
17. ( \(-3-\) ) The Genus of this Character doth denote Oeconomical Relation. By the acute angle on the left fide, is fignified the firtt Difference, which is Relation of confanguinity. By the right angle at the other end, is denoted the fecond Species, which is defcribed to be Diject Afcending, namely, Parent; to which is oppofed Direत̈ Defcending, namely, Child, which oppofition is denoted by the Loop on the left fide of the Character.

Orily
18. (2) The fame Genus with the former, the fourth Difference,
Chap. II. Concerning \({ }^{\text {RReal Charalter. }} 407\)
rence, denoting Relations of Equality; the fecond Species fignifying that particular Relation which is founded uponour Converfing with others, namely, Companion. To which the oppofite (fignified by the Loop at the joyning of the difference affix) is being in a ftate of Segregation from others. The book upon the Species affix, denoting Adjective, viz. Alone, or 0 oly.
19. ( 1 ) Thefe \(t\) wo Points ftanding level, muft fignific one of the our Demonffrative Pronouns, in the Plural number. By the place of them towarc's the upper fide of the Character, they muft denote the firlt Perfnn, We; which being by the curve line rendered Poffelfive, muft figuifie Our.
20. ( \(\mathcal{L}-d\) ) The Genus of this Character is affigned to fignifie Civil Soveraign Relation ; of which the firft difference doth denote Degrees of Ferfons. The fecond Species fignifying the fupreme Magiftrate, to whom others owe Subjection and Obedience, viz. King, Lord, Soveraign.
21. (1) This Particle confifting of three Points, muft therefore who fignifie one of the Compound Pronouns. By the pofition of it towards the middle of the Cbaracter, it denotes the fecond of them, to be rendered Who, when we fpeak of a Perfon: and which, when we fpeak of a Thing.
22. (i) The Copula, as Numb. 2. but being here placed towards was the top of the Character, it mult be rendered in the Preter tenfe, viz. Hath been \({ }^{\text {or } W \text { as. }}\)
23. \((2-3)\) The Genus of this Character is affigned to Corporeal A- Conceived dion. The acute angle on the left fide, derioting the firft Difference, nameiy, fuch corporeal actions as belong primarily to Vegetative and living bodies. The right angle at the other end, fignifies the fecond Species, which in the Tables is Impregnation; to which the Word Conception is adjoyned by way of Affinity, fignified by the Loop on the right fide. The Loop on the Difference affix, fignifying the Paffive voice; and the Hook upon the Species affix, Adjective.
24. (u|) This Particle, by the figure and pofition of it, muft be the fecond in the firft combination of Prepofitions, relating to the Effi- \({ }^{\text {By }}\) cient Canfe, which we render By.
25. ('1) as Numb.6.

The
26. (-) The fame Genus with numb. 4, and 15. The obtufe an- Holy Ghof gle fignifying the third Perfon of the Bleffed Trinity, viz. Holy Ghoft.
27. ( \(\Omega^{-}\)) The fame Genus and Difference as numb. 23. The af- Borne fix towards the right hand making an obtufe angle with the upper fide muft fignifie the third Species, which is Parturition, or bringing forth. The Loop at the end of the difference affix, denoting Pa/five voice, and the Hook on the other fide, Adjeđtive, viz. Borne.
28. (I) This Particle, by the figure and poftion of it, doth ap- of
pear to be the third of the firt combination of Prepofitions, relating to the Material Canfe; ex qua (of)
The
Virgin




Mary
Capitally
nifhed
29. ('I) as numb, 6. nifhed
30. ( \(-\sim_{3}\) ) The fame Genus as numb. 17,\& 18. The affix towards the left hand, denoting the fecond Difference, which is Relation of Affinity; the other affix denoting the firft Species, vix.that preceding ftate, whereby perfons are rendered capable of Marriage, namely, Celibate, to which the notion of Virgin is joyned as an affinis (denoted by the Loop on the right fide) defcribed to be one that hath not coupled with any other.
31. ( \(\mathrm{r}_{\mathrm{Cl}}\) ) The name Mari in the Literal Character, as being a proper name.
32. (مع) The Genus of this Charater doth belong to 7wdicial Relation; the difference affix being the fifth, muft denote Capitalpunifoment; the Loop upon the Difference affix fignifying Pafjive, and the hook upon the other affix, Adjective.
Under 33. ( \({ }^{5}\) ) This Particle, by the figure and pofition of it, muft be the firft Oppofite in the fixth combination of Prepofitions, namely, Under.

Pontius Pilate 34.
prefled only by a Literal Character, according to our Englifh pronunciation.
was \(\quad 35 .\left({ }^{\circ} \mid\right)\) as numb. 22.
Crucified \(36 .(5-6)\) The fame Genus and Difference with numb. 32. Under which Crucifying is reckoned as the ninth Species. The Loop on the Difference affix doth denote the notion of Pa/five voice; and the Hook at the other end, the notion of Adjective, crucifeed.
Dead 37. (1) The fame Genus and Difference with numb. 23, \& 27. fignifying fuch corporeal Actions as do primarily belong to Vegetatives. The affix on the right fide, making an acute angle with the upper part of the tranfverfe, and paffing below it, doth fignifie the feventh Species, which is Living ; to which Dying is oppofed. And that the Oppofite is here intended, may appear \({ }^{2}\) by the Loop at the joyning of the Difference affix ; the hook on the Species affix fignifying Adjective.

And \(\quad\) 38. \((v)\) as numb. II.
Buricd 39. ( \(\sigma\) ot) The Genus of this Charater is affigned to Ecclefiaftical Relation; the fourth Difference comprehending the more common Actions belonging to Religion: the affix at the other end, being a thorough froke, and making an obtufe angle to the upper fide, muft denote the nipth Species, which is Burying, defleribed in the Tables to be one of thofe Ritual Offices confifting in performance of the Rites due to the dead, by putting their Bodies into the Ground. The

\section*{Chap. II. Concerning a Real Cbarafler: 409}

Loop on the Difference affix, doth Gignifie (as before) Paffive, and the other Hook Adjective.
40. (.l) A Pronoun of the third perfon, fingular number, viz. He He.
41. ( \({ }^{c} \mid\) ) as numb. 22. Was
42. \(\sim \sim\) ) This appears by the Hyphen, to be a compound Defcending Character. The Particle in this compofition, doth by the figure and pofition, denote the Oppofite to the firft of the fifth Combination of Prepofitions, viz. Dosonwoatd. The Genus of the Integral CharaCter, is Tranfcendental AClion. The affix on the left fide, making an acute angle with the bottom of the Line, doth denote the fixth Difference, which is Ition, or the paffing of things from one place or ftate to another; and becaufe there is no affix at the other end, therefore this Character mult denote the Difference it felf. The Hooks on each fide, do fignifie ACtive and Adjective. .
43. ( \({ }^{3}\) ) This Particle doth by the figure and pofition of it, appear Inte to be the firft of the fourth Combination of Prepofitions, and confequently to fignifie Into.
44.(d-) This Character is the fame for Genus and Difference with numb. 10. which doth there fignifie Heaven; and whereas here there \({ }^{\text {Hell }}\) is a Loop at the joyning of the Difference affix; therefore mult it denote that which is oppofite to the former ; namely, Hell. This Claufe might perhaps be more properly expreffed thus; He became ix the ftate, or bepaffed into the Invifible place, of the baving died perfons:
45. (I) as numb. 40.

He
46. ('l) as numb. 22.

Was
47. ( J\()\) The fame Genus with numb. 23, 27, \& 37. Denoting Corporeal Alfion. The acute angle on the left fide, doth denote the \({ }^{\text {Rifing }}\) fixth Difference, which is Gefture; namely, fuch animal motion whereby the fituation of the Whole or Parts is altered. The acute angle at the other end to the upper fide, dort denote the firft Species, which is motion uptward \(\dot{8}\) direct ; namely, Rifing. The Hooks on each affix denote ACtive and Adjective.
48. (ad) This Particle, by the figure and pofition ofit, muit beshe from fecond of the third combination of Prepoftions, viz. From.
49. ('l) as numb. 6.
50. (l) as numb. 7.
51. (ه) This Charder is in all refpects the fame with mumb.37. Excepting only, that there is another hook upon the Species affixto \({ }^{\text {Dead perfons }}\) fignifie Plural Number, together with the tranfcendental Note of Peifon at the top of the Character towards the right hand, whichmakes the impirtance of this Character, 'with the two preceding Parxicles to be, The baving died Perfons.
Ggg
\(410 \quad\) Concerning a Real Gbaracter. Part IV.
On 52. ( \({ }^{\varepsilon}\) ) Though this Prepofition be properly local. fignifying in, as being oppofite to numb. 43. Yet it is applicable, as the others of the fame kind are, to Time; in which cafe it may be rendered 0 . .

The

Day

Third

He

Was
Afcending

Into
Heaven

In
Which place

He

Is

Sitting

At

The
Right hand
 53. (' \(\mid\) ) as numb. 6.
54. ( \(\uparrow\) - The Character is the Genus of Meafure. The affix both on the left and right fide, denote the fifth Difference, which is Meafure of Time, and the fifth Species, which is Day Natural.
55. ( 4 ) The fame Genus with the former, denoting Meafure. The Difference affix making an acute angle with the upper fide of the tranfverfe, doth denote the firf. Difference, which refers to Number. The obtufe angle at the other end of the tranfverfe, denoting the third Species, which according to the Tables, is the number Three. The Hook on this affix, thews this Word to be ufed adjeçively, viz. Third.
56. (1) as numb. 40.
57. ( \({ }^{\circ}\) ) as numb. 22.
58. (~ \({ }^{n}\), \(\Omega\) ) Such a Compound as numb. 42. Only the Prepofition here, being the firft of the fifth Combination, muft fignifie Uppoards; and confequently, as the numb. 42. did fignifie Defcending : fothis muft be the Oppofite to it ; namely, Afcending.
59. ( \({ }^{3}\) ) as numb. 43.
60. \((++)\) as numb. 10.
61. ( \({ }^{\varepsilon}\) ) as numb. 52.
62. (:o|) A Compound of the Pronoun Which, and the tranfcendental Mark of Place, vix. Which place.
63. (.l) as numb. 4.

64, ( 0 ) The Copula in the prefent tenfe, which being applied to the third Perfon fingular, muft be rendered (is.)
65. (rJi) The fame Character, both as to Genus and Difference, with that, numb. 47. The Ipecies affix making a right angle with the bottom of the tranfverfe, mult denote the fifth Species \(;\) namely, fitting; the hook upon this affix,fignifying the notion of \(A d\) jeZZive.
66. (m) This Particle, by the figure and pofition of it, doth appear to be the firft Oppofite in the third combination of Prepofitions, and to fignifie \(A t\).
67. ('I) as numb. 6.
68. ( ( 1 ) The Genus of space." The obtufe angle on the left fide; denoting

\section*{Chap．II．Concerning a Real Cbarafter：}
denoting the thiyd Difference under that Genus ；namely，Sitwation ： the oblique line ar the other end of the tranfverfe，pafling by both fides of it，doth denote the ninth Species under that Difference，viz． Right Side，or Right Hand．

69．（1）as numb．9．
70．（ム）as numb．4．
71．（ \(w_{i}^{\prime}\) ）as numb． 48.
73．（ \(\because \bullet\) ）as numb． 62.
73．（1）as numb． 40.
74．（ol）The Copula in the Future tenfe，fignifying，shall be．Shall be
75．（حת）The Genus of tranfcendental Action，the fixth Dif－Coming＇ ference，as before，numb．42，58．The firt Species，viz．Come．The hooks on each affix，denoting ACIive，Adjective，viz．Coming．

76．（ 1 ）This Particle，by the figure and pofition of it，doth ap－For pear to be the fecond oppofite in the firt combination，and to fignifie a refpect to the final Caufes in Latin，ob，propter，in Englifh，For．

77．（20ح）The Genus of Fudicial Relation．The firft Difference，Judging which is Forinfic Perfons；and the firlt Species，which is Fudge．The hook upon the difference affix，denotes this to be a Noun of Action， viz．Judication，or \(\mathfrak{F u d g i n g .}\)

78．（＇I）as numb．6．
The
79．（ كَ＇）as numb． 51 ．Only，there wants the Note of Oppo－Quick fite；fo that as that Ggnified dead perfons，this muft fignifie living per－ fons．

80．（Vl）as numb． 11 ．And
81．（＇I）as numb． 6.
82．（I）as numb．7．Having
83．（ \(\omega^{\omega \bar{j})}\) as numb． 5 i．．Died perfons
84．（＇ 1 ）as numb．I．
85．（이）as numb． 2.
86．（\％内ّا）as numb．2．
Believing
87．（一）as numb． 6.
The Holy
88．（＇1）as numb． 26. Ghort

89．\((-)^{-}\)The Genus of Ecclefiaftical Relation；the tranfeendental Churcti Ggg \({ }^{2}\)
mark over it, denoting Aggregate, which is the proper notion of cburch.

Holy \(\quad\) go. ( \()\) The fame Genus and Differeace, as numb. 3. Denoting Infufed Habit; the fecond Species being Holiness, defcribed to be that habitual frame, whereby one is fitted for virtuous actions ; more efpecially for the duties of Religion : the hook uponthe Species affix, denoting the Notion of Adjective, viz. Holy.
91. ( \(\mathrm{d}_{-1-2)}\) The Genus of this Character is affigned to fignifie TranScendental Relation mixed; the obtufe angle at each end, muft denote the third difference, and the third fecies: the third difference under that Genus,containing fuch tranfeendental relations as concernNumber. The third fpecies, being that more diftinct relation of one Indeterminate, or All, viz. Particularity, or vniverfality. The Loop at the joyning of the difference affix, denoting an Oppofite, doth determine the Character to the fecond of thefe: And the Hook at the end of the fpecies affix, doth make it fignifie as an Adjective, viz, Univerfal, Catholick.
The 92. (' \(\mid\) ) as numb. 6.
Communion 93. ( ) The Genus of Ecclefiaftical Relation, as numb. 89: The third Difference, concerning fates of Religion; the fecond \(\mathrm{f}_{\mathrm{peci}}\) es, Catbolick, or Communicant, which is delcribed to be one that is in a flate of Charity with the body of thofe that agree in the fame profeflion : the \(A b\) bIrald of which, denoted by the hook upon the difference affix, is Communion.
of . 94. ( \(\|\) ) as numb. 9 .
Sains 95. (1) The fame Genus and difference, as numb. 93. The fifth (pecies denoring fuch as are eminently religious; the hook Jupon the fecies affix, fignifying the Plural Number, viz. Saints.
96. ('i) as numb, 6.

Being forgiven 97. ( 80 ) The Genus of Judicial Relation, as numb. 97. The fecond difference denoting Judicial Actions. The niath feecies fignifying that kind of Judicial Action, which concerns the inflizting of punilbment, or frecing from it, Executing, or Pardoning. The Loop, at the joyning of the difference affix, denotes this to be an Oppofite, viz. Pardoning or Forgiving. .The Loop upon the top of this affix, fignifies the paflive voice, viz. the being forgiven.

99 ( in - ) The Genus of Tranfcendental General; the third difference refpeding the more common and abfolute differences of things; the fecond fpecies denoting that difference of things, which doth include a refpect to the Will, as to the agreement or difagreement of things with that Faculty, fiiled Goodnefs or Evilmefs. The Loop towards the left hand, at the joyning of the affix, denoting oppofite, viz.

\author{
Evil-
}

Evilmefs; the hook at the other end of the fameaffix, doth fignifie the Agive voice ; and the hook upon the other affix, doth denote the pleral number: So that the meaning of this Character, muft be evil actions, the fame as Trefpaffes, or Sins.
100. ('|) as numb. 6. The
101. (_|) The mark of Future tenfe. : Future
102. \(\binom{=}{S}\) A compound Character. The Particle, doth by \({ }_{\text {Relife, or li- }}\) the figure and the pofition of it, appear to be the third Oppofite in the ving aguin fourth Combination of Adverbs, which is Re, denoting Reftitution to what was before. The Integral Character fignifies Life; as numb.79.
103. ( 1 ) as numb. 9. of
104. (') as numb. 9. , The
 firft difference under that Genus, being Spirit. The Oppofite to which, denoted by the Loop at the joyning of the Affix, is Body.
106. (l|) as numb. II. . And
107. (' 1 ) as numb. 6. The
108. (I) as numb. 101.

Future
109. ( \(\sim\) ) The fame Integral as to2.

Life
110. (: \(:=+^{30}\) ) A compound with the Pronoun All, as numb. 5. Everhafiny The Genus of the Integral being the fame with numb.54, 55. doth denote Meafure; the fifth difference of which, doth fignifie meafure of time, to which the word Duration is adjoyned by way of Affinity, fignified by the Loop at the right fide, where the hook denotes AdjeEive: So that the true fenfe of this Character, is All-during, or Everlasting.

I forbear any other Examples out of Ariftotle, Euclid, Tully, Terence, which I once thought to have fubjoyned; becaufe if what bath been already delivered, be fufficiently underftood, it will appear eafie enoughto render any thing out of thofe Authors, in this, Character.

I fhall only add concerning the Character here propofed, that befides the Facility, Comlimefs and Diftinctnefs of it, containing a Defcription of what is to be expreffed by it, both as to the nature of the things, and the Grammatical Variation of the words; 'tis likewife a much foorter way of writing, than that by Letters : and by the great Variety which it is capable of, would afford the fureft way for Cryptegraphy or fecret Writing.

\author{
CH A P. III.
}

How this Real Cbaracter may be made effable in a diftinct Language, and what kind of Letters or Syllables may be conveniently afjgned to each CharaEzer.

\(B^{Y}\)Y what hath been already delivered, it may fufficiently appear, how any thing or Notion, which falls under humane Difcourfe, may be expreffed by fuch a Character as Shall be legible to men of all Nations and Languages.

I come now to fhew how this Univerfal Character may be made effable in a dittind Language: The unfolding of which (fuppofing what bath been faid about the Chiaracter and Grammar, to be well underflood) will need but little time and pains.

The Qualifications defirable in a Language, fhould have fomeanalogy and proportion to thofe before mentioned concerning a Charaler or way of Writing ; Namely,
I. The words of it fhould be briff, not exceeding two or three Syllables; the Particles confifting but of one Syllable.
2. They hould be plain and facil to be taught and learnt.
3. They fhould be Jufficiently diftinguifabble from one another, to prevent miftake and equivocalnefs; and withal fggujicant and copious, anfwerable to the conceipts of our mind.

4: They fhould be Euphonical, of a pleafant and graceful found.
5. They fhould be Methodical; thofe of an agreeable or oppofite fenfe, baving fomewhat correfpondent in the founds of them. The order to be obferved in the affigning of Letters and Sounds to thefe Charaders, mult be after the fame manner with the Method before made ufe of, in treating concerning thefe Charaders: Beginning firt with Integrals, according to their feveral Varieties, and then proceed ing to the Particles.

The Iutegrals may be confidered, either as they are Radicals, placed in the Tables, either more direEt, whether ©enns,Difference, or Species; or elfe Laterally, either by way of Affinity or Oppofition.

And next to the Words or Sounds appointed for each ofthefe Radicals, it is to be confidered, by what kind of Changes or Varieties, the feveral Derivations and Inflections may be expreffed.

The firft thing to be ftated in fuch an Ioftitution, is to affign feveral Letters and founds for the 40 Gemus 's. It were nof dificult to offer great variety of thefe; but to pitch upon that which upon all accounts would be the beft, will require fo much confideration, and pratife, - and fo many Trials as I cannot pretend unto.

\section*{Chap. III. Concerning a Real Charafter.}

That which at prefent feems moft convenient to me, is this 3


The Differences under each of thefe Genus's, may be expreffed by thefe Confonantsr B, D, G, P, T, C, Z, S, N. \begin{tabular}{llllllll} 
in this order \(; 2\) & 1 & 2 & 3 & 4 & 5 & 6 & 7.8 \\
\hline
\end{tabular}

The species may be expreffed by putting one of the feven Vowels after the Confonant, for the Difference; to which may be added (to make up the number) two of the Diptiongs, according to this order


For inftance, If (De). fignifie Element, then (Deb) muft fignifie the firt difference; which (according to the Tables) is Fire : and (Deba) will denote the firft Species, which is Flame. (Det) will be the fifth difference under that Genus, which is, Appearing Meteor; (Deta) the firt Species, viz. Rainbow; (Deta) the fecond, viz. Halo.

Thus, if (Ti) fignifie the Genus of Senfible 2xality, then (Tid) muft denote the fecond difference, which comprehends Colours; and (Tida) muft fignifie the fecond Species under that difference, viz. Redrefs: (Tide) the third Species, which is Greennefs, \&c.

Thus likewife, if ( Be ) be put for the Genus of Tranfcendental Relation of ACtion, then (Bec) mutt denote the fixth diffegrence, which is Ition; and (Becy) will fignifie the fixth Species; which is Following.

As for thofe Species under Plants and Animals, which do exceed the number of Nine, they may be expreffed by adding the Letters \(L\), or \(\boldsymbol{R}\), after the firft Confonant, to denote the fecond or third of fuch Combinations. Thus, if Gade be Tulip; viz. the third Species in the firft Nine, ahen Glade mult fignifie Ramon, viz. the third in the fecond Nine, or the twelfth Species under that Difference. Soif Zanabe Salmon, vit. the fecond feecies in the firt Nine, them Zlana muft fignifie Gudgeon, viz, the fecond in the fecond Nine; or the eles venth Species under that Difference.

It muft be granted, that there is one inconvenience in this Contrivance for the fupernumerary Species, namely, that according to this way of expreffing them, they are fearce capable of the derivation of Adjective : But this is more tolerable, becaufe in fuch matters, where this will happen, there is no neceffary occafion for this derivation.

Thofe Radicals which are joyned to others by way of Affinity, may be expreffed; 1. In Mojuofyllables, by repeating the Radical Vowel before the Confonant. For example, if (De) fignifies Element, then (Ede) muft fignifie that which is joyned to it by way of affinity, vis. Meteor. If (Di) be Stose, then (Idi) will fignifie Concretions, \&c. 2. In Dy fyllables, by repeating the fecond Radical Confonant after the laft Vowel : Thus, if(Dade) be Planet, (Daded) will fignifie Comet. If (Dego) be Ice, (Degog) will fignifie Snow, \&c.

Thofe Radicals which are paired together upon the account of fingle Oppofition, may be expreffed,
1. In Monofyllables, by putting the oppofite Vowel before the firft Confonant, according to that order of OPpofition before fet down; namely, of \(\left\{\begin{array}{l}a \\ a \\ e\end{array}\right\}\) to \(\left\{\begin{array}{l}b \\ 0 \\ y\end{array}\right\}\) or \(y\).

Thus, if \((\mathrm{Da})\) be put to fignifie God, then (ida) mult fignifie that which is oppofed, namely, Idol. If (Dab) be spirit, (odab) will be Body. If (Dad) be Heaven, (odad) will fignifie Hell.' .
2. In Dy/fyllables, by adding the Letter ( \(S\) ) to the laft Vowel : Thus if (Pida) be Prefence, (Pidas) will be Abjence. If (Tady) be Power, then (Tadys) will be Impotence.

As for thofe donble Oppofates by way of Excefs or Defect, which fometimes occur, as they are to be reprefented in writing by the Tranfendental Points of Exce/s or Defect, on the top of the Character, fo are they to be expreffed in fpeaking by thofe Syllables appointed to thefe Characters, which mult be added to the termination of the word : Thus if (Teba) be Fuftice, (Tebas) will fignifie the Oppofite Common; namely, Injuftice: And (Tcballa) the Oppofite by way of Excefs namely, Rigor, and (Teba!̣o) the Oppofite by way of Defet, viz. Remidion.
\[
\begin{aligned}
& \text { Tepa Veracity: } \\
& \text { Tepas Lying. } \\
& \text { Tepafla Over-Jajing. } \\
& \text { Tepallo Vnder-fajing, Detracting. }
\end{aligned}
\]

Adjectives thould be expreffed by changing the firft radical Confonant, according to this eftablifhment;
\[
\begin{aligned}
& \{V, D 8, G \notin, F, T \not \subset, G \not, Z h, S h, N g \text {. }
\end{aligned}
\]

Chap. IV. Concerning a RealCharalter. 417

Adverbs may be expreffed by turning the firft Radical Vowel into a Dipthong. So Dab is Divinely. (Sybb) is Religionfy. (Sy!gas) is schifmatically.

Abitracts may be expreffed, I. In Monofyllables of the Genus, by adding the Letter ( \(r\) ) after the firft Radical Vowel. So Dar is Deity or Divinity.

In Monofyllables of the Difference, and Diffyllables of the species, by changing the fecond Radical Character Confonant thus;
\[
\begin{aligned}
& \{B, D, G, P, T, C, Z, S, N .
\end{aligned}
\]

The Letters Dzh, and Th, Being the fame power which we Engliffmen give to the Letters \(\mathbf{G}\), and \(\mathbf{C h}\), in the words Ginger, and Cbarity. Thus
(Bad) is Caufe; (Badh) is Caufality.
(Saba) is King, (Sava) is Regality or Majefty.
There are only two things noted in the Character belonging to the Inflection of words; namely,
1. The Alitive and Palfive voice, to be expreffed by the Letters L, and \(N\), after the firt Vowel : thus (Salba) is Regnation; and (Samba) is \(\boldsymbol{\pi}\) regnari.
2. The Plural Number insubfantives, which is fometimes likewife affixed to Adjectives, when they are ufed fubftantively, by reafon of any tranfcendental Mark joyned to them. And this may be done by prolonging the firft Vowel, which upon all other occafions, is to be pronounced as being fhort. But becaufe it will be difficult to prolong this Vowel in Monofyllables of the Genus, when no Confonant doth follow; therefore in this caß it may be proper to add the Vowel 8to the Radical Vowel. So if Dö be.God, Da४ will be Gods.

According to this eftablifhment, every Radical Genus, Difference and Species, may be expreffed by fuch words as are facil and pleafant. Thofe words that are moft harfh and difficult, will happenamongt fuch of the Derivations as are feldom ufed ; as infome of the Active or Paffive Adverbs, and in fome of the Abftracts.

By thefe Inflance, it will be eaffe to anderfand all the reft.
The Particles may be expreffed either by fimple Vowels or Dipthongs, or by fome of thofe Moviofyllables, nor ufed for any of the Genus's ot Differences.

Amongtt the Grammatical Particles, the more principal are, the Copala, Pronowns, Interjections, Prepofitions, Adverbs, Comjunctions.
1. The Copula, or Verb Sum, according to its threefold place in the Character, may be expreffed by thefe Dipthong \(\left\{\begin{array}{lll}0 & \text { lal. } \\ \circ & \text { la. } \\ 0 & \text { le. }\end{array}\right.\)
2. The Pranonns, according to their feveral kinds, may be expreffed by thefe Vowels and Dipthongs;

Poffefive Pronowns by prefixing (H.) Reduplicative, by interpofing (L.) So Hd is mine, Hald is wy oms.
3. The Interjections, being Natural founds themfelves, need not have any affigned to the Characters of them, than what are General. So
\[
\begin{aligned}
& { }_{\checkmark}\left\{\begin{array}{ll}
\text { Oh, foho. } & \text { St, hufh, mum, whift. } \\
\text { Ho, oh. } & \text { Ha. } \\
\text { Eja, now. } & \text { Væ, wo. }
\end{array}\right\} \downarrow
\end{aligned}
\]
4. The Prepiofitions may be expreffed by Monofyllables framed of \(L\), and \(R\);after this manner.

\[
\because\left\{\begin{array}{ll}
\text { Lar, } & \text { Lir } \\
\text { Lar, } & \text { Lor } \\
\text { Ler, } & \text { L४r }
\end{array}\right\} \sim \text { i }\left\{\begin{array}{ll}
\text { Rar, } & \text { Rir } \\
\text { Rar, } & \text { Ror } \\
\text { Rer, } & \text { R }
\end{array}\right\}
\]
5. Adverbs may be expreffed by Monofyllables, with the initial Let 4 ter M. after this manner ;

6. Conjunctions may be expreffed by Monofyllables, with the Initial Letter \(N\), after this manner ;


The more Cervile Particles are of three kinds; Articles, Modes, Tenfes.
1. The Articles being but two, may,be thus expreffed, \(\left\{\begin{array}{c}1 \\ 1 \\ 1 \\ \alpha\end{array}\right]\).
2. The Imperative Mode, according to its threefold difference of Petition, Perfonafion, Commaned, may be expreffed by thefe Dipthongs, lo, ly, ly.

The Secondary Modes, by Dipthongs or Tripthongs, according to their differences of Abfolute or Conditional. So the Made of

3. The Tenfes, Paft, Prefent, and Future, may be expreffed by thefe Dipthongs, 8b, 8y, 8yb.

The Tranfcendental Particles, to beadded by way of Compofition in the termination of words, may be expreffed by thefe Syllables,


In which Conftitution, the Marks made ufe of before, either for Prepoftions, Adverbs, or Conjunctions, have the fame Syllables affigned to them.

It is here to be noted, that as Numbers are provided for in moriting, by diftinct Characters from the reft, fo fhould they likewife have fome futable provifion in fpeaking. And becaufe there are two waies before fuggefted for the expreffion of Numbers by moriting, namely, either by zeords at length, or by Figures, there i'hould therefore be fome provifion anfwerable to each of thefe for jpeaking.
1. The Words ai lemgth for the nine Digits, are to be made off from the Tables after the fane manner as all other Species are; and as for the other Numbers above this, viz. Ten, Hundred, Thoufand, Million, they may be expreffed by adding the Letters \(L, R, M, N\). after the laft Vowel; according to thefe, Examples:
\(H_{h h}{ }^{2}\)
Pobal:
\(420 \quad\) Concèrning'áReal Cbarater. Part IV
\begin{tabular}{|c|c|c|c|}
\hline Pobal 10. & \multicolumn{2}{|l|}{Pobal 20.} & Pobel 30: \\
\hline Pobdr 100. & Pobar 200. & & Pober 300 \\
\hline Pobam 1000. & Pobam 2000 & & Pobem 30 \\
\hline Poban 1000000 & Poban 20000 & & Poben 300 \\
\hline Pobam & Pobs\% & Pob & Poby. \\
\hline One thoufand & Six hundred & Sixt & Six. \\
\hline
\end{tabular}
2. The Figures of Numbers, may be moft conveniently expreffed in

Arithmet. PraA. cap. 1 speech, in that way fuggefted by Herrigon; namelys by affigning one Vowel or Dipthong, and one Confonant to each of the Digits, fuppofe after this manner,
\[
\left\{\begin{array}{llllllllll}
1, & 2, & 3, & 4, & 5, & 6, & 7, & 8, & 9, & 0 . \\
a, & a, & e, & b, & 0, & y, & y, & 18, & y b & y 8 . \\
b, & d, & g, & p, & t, & e, & 1, & m, & n, & r .
\end{array}\right.
\]

According to which conttitution, a word of fo many Letters, may ferve to' exprefs a number of fo many places. Thus either of thele words, ac8c, aycy, b४cy, will fignifie 1666; which is as much a better and briefer way for the exprefing of thele numbers in \(\int p e e c b\), as that other is for writing, betwixt Figures and Words at length.

The Grammatical Variations belonging to Number, whether Derivations or Inflexions, may for the nine Digits;be framed according to common Analogy. For greater Numbers, it may be convenient to prefix the Difference denoting number ingeneral ; namely, Pob before the word, for any Particular; as fuppofe acyc be the word for the number, let it be made \(\left\{\begin{array}{l}\text { Pob } 6 \text { c } 8 c \\ \text { Pobacyl for the Cardinal Number }\end{array}\left\{\begin{array}{l}1666 \\ 1667\end{array}\right.\right.\) then \(\left\{\begin{array}{l}\text { Fobdc8c will be the Ordinal, or Adjective Neuter, denoting } \\ \text { Fobac\&l }\end{array}\right.\) the \(\left\{\begin{array}{l}1666^{\text {th }} \\ 1667^{\text {th }}\end{array} e^{\circ} c\right.\).

By what hath been faid, it is eafie to conceive, how this Character may be made effable as to all the Species of things, to gether with their Derivations and Inflexions. As for Individuals; I have Ihewed before, how the names of them are to be expreffed by a Literal Character.

But thefe things will mate diftinctly appear by inftance of fomething written in this Language: In Order to which, I Chall offer an Example of it in the Lords Prajer and the Creed.

\section*{CH A P. IV.}

An Inftance of the Pbilofophical Language; both in the Lords Prajer and the Creed. A Comparifon of the Language here propofed, with fifty others, as to the Facility and Euphonicalnefs of it.

AS I have before given Inftances of the Real Character, fo I fhall here in the like method, fet down the fame Inftances for the Philofophical Language. Ithall be more brief in the particular explication of each Word; becaufe that wasfufficiently done before, in treating concerning the Character.

\section*{The Lords Prayer.}

Hat coba ४४ ta ril dad, ha babt to fyymted, ha falba to velced, ha talbı to vemgy, my ril dady meril dad io velpt ral di ril \(t\) poto hat raba vaty, na of fyeldyys lal \(\alpha t\) hab balgas me \(d_{t}\) ta lyeldyys lal et ४४ la valgas r४ \(\alpha\) na m m to velco \(\alpha_{b}\), ral bedodly nil to cyalbo ablal vagaste, nor al falba, na al tado, na al tadald ta ha pisby \(\delta\) 4. m 8 to.


Our Father who art in Heaven, Thy Name be Hallowed, Thy
falba to velca, ha talbi to vemgy,my ril dady me ril dad, to velps Kingdome come, Thy Will be done, fo in Earth as in Heaven, Give
 to us on this day our bread expedient and forgive to us our trefpaffes


\begin{tabular}{llllllllllll}
59 & 6061 & 62 & 63 & 64 & 65 & 69 & 67 & 68 & 6970 & 71 & 72
\end{tabular} bedodly nil to cyalbo at lal vagaste nor al falba, na al tado, na tempration but deliver us from evil for the Kingdom, \& the power, 'and
\begin{tabular}{|c|c|c|c|}
\hline & ก & 4 & 9 \\
\hline 73 & 747576 & 77 & 787980. \\
\hline al & tadala to ha & pl४by\% & TJ m8to. \\
\hline
\end{tabular} the Glory isthine, for ever and ever. Amen.So be it.

May it be
1. (Hal) This Dipthong (al) is affigned to fignifie the firft Perfon plural amongtt the Pronouns, viz. We. The Letter \(b\) prefixed to it, doth denote that Pronoun to be ufed poffeflively, viz. Our.
2. (Coba) Co doth denote the Genus of Oeconomical Relation; the Leetter (b) fignifying the firt difference under that Genus, which is Relation of Confanguinity ; the Vowel (a) the fecond Species, which is Direct afcending; namely, Parent.
3. (88) This Dipthong is appointed to fignifie the fecond of the compound Pronouns, Who, perfonal; or Which, Real.
4. (ia) This dipthong is appointed to fignifie the prefent tenfe of the Copula (eft) and being fpoken of the fecond perfon, is to be rendered Art.
(ril) is a Prepofition, the firt Oppofite of the fourth combination; and therefore mult fignifie (in.)
6. (dad) The Syllable (da) is appointed to fignifie the Gemus of World; the addition of the Letter (d) doth denote the fecond difference under that Genus, which is Heaven.
7. (ha) The Vowel (a) is affigned to fignifie a Pronoun of the fingular number, and fecond perfon. The Letter (h) before it, doth denote it to be underftood poffeffively, and to fignifie (Thy) or (1bine.)
8. (babi) The Syllable (ba) doth denote the Genus of Tranfeindental General. The Letter (b) doth denote the firlt difference, and the: Vowel ( \(b\) ) the fourth Species, which is Name.
9. (bo) This Dipthong is appointed to fignifie that kind of Imperative Mode (as it is commonly filed) which is by way of Petition; the fenfe of it being, I pray that it may be.
10. (Syymta (Sy) is put for the Genus of Ecclefiaftical Relation. The Confonant ( \(t\) ) for the fifth difference, and the Vowel (a) for the firft feecies, which according to the tables, is, Confecration, or Hallowing. The Addition of the Vowel ( 8 ) to ( \(S\) ) doth fignifie the notion of Adjective; and theaddition of the Letter ( m ) at the end of the

\section*{Chap. IV.Concerning aPbilofopbical Langadge.}
firt Syllable; fignifies the Paffre voice, viz. Hallowed.

\section*{11. (ha.) as numb, 7. . . . Thy}
12. (Salba) (Sa) is Civil Relation; (b) denotes the firft difference, Kingdom or which is degrees of perfons 3 and (a) is the fecond fpecies, which, ac- Regration cording to the tables, is King ; the addition of (I) to the firlt Syllable, doth denote a word of ACtion, viz. Regnation.
13. (lo) as numb. 9.

May it be
14. (Velca) (Be) is the Genus of tranfcendental attion; (c) de-coming. notes the fixth difference under that Genus, and ( \(\alpha\) ) the firt fpecies, which fignifies Coming: the turning of \((b)\) into \((v)\) denotes this word to be an Adjective, and the Letter (L) co be an Active:

\section*{15.(ha) as numb. 7.}
16. (talbi) ( \(\mathrm{t} \alpha\) ) doth denote the Genus of Natural Power, (b) the \({ }_{\text {tion }}^{\text {Will or roli- }}\) firt difference, and ( \(b\) ) the fourth Species 3 namely, will: the Letter (I) denoting a Noun of Action, vix.Velition.
17. (lo) as numb. 10.

May it be
18. (vemg 8) (be) is the Genus of Tranfcendental ACtion; (g) de- complifhed notes the third difference, and ( 8 ) the fixth '(pecies; which is, Performing, or Accomplifhing: the change of ( \(b\) into \(v\) ) denoting this word to be an Adjedtive, and (m) Paflive, Performed.
19. ( m 8 ) This Monofyllable with ( m ) muft denote an Adverb, and So the laft oppofite of the firft Combination ; which is, So. .

20 (ril) as numb. 5.
In
21. (dady) (da) is the Genus of World, (d) is the fecond diffe- Earth rence, which is Heaven; the Vowel \(y\) fignifying the feventh feecies nander that difference, which is this Earth, or the Globe of Land and Sea, whereon we inhabit.
22. (me) Paired with numb. 19. and therefore muft fignifie, As As.
23. (ril) as numb. 5.
24. (dad) as numb. 6.
25. (10) The fame Parlicle as numb. 9: But being here joyned Maift thoubz with a word active, and relating to the fecond peirfon, it muft be rendered, Maift thou br.
26. (velpi) (be) is Tranfcendental Action (p) the fourth diffe- Giving rence, and (b) the fourth fecies, which is Giving : b changed into \(\nabla\), denoting adjective, and ( 1 ) active.
\begin{tabular}{|c|c|}
\hline 424 & Concerning a Pbilc opbical Language. Part I.V. \\
\hline Ta. & 27. (lal) A Prepofition of the firf Combination, fignifying TO. \\
\hline Us & 28. ( \(\alpha_{b}\) ) A Pronoun, firt perfon, plural number; namely, We, or Us. \\
\hline In & 29. (ril) as numb. 5. \\
\hline This & 30. (b) The firlt of the relative Pronouns, fignifying Tbise \\
\hline Day & 31. (poto) po is the Genus of Meafure ( \(t\) ) the fifth difference, and ( 0 ) the fifth Species, which is Day. \\
\hline Our & 32. (hal) as numb. I. \\
\hline Bread & 33. (Saba) Sa denotes the Genus of Oeconomical Provifioms, (b) the firft difference, and (a) the fecond fpecies, which is Bread. . \\
\hline Expedient & 34. (Vaty) (ba) is the Genus of Tranfcendental General, (t) the fifth difference, \(y\) the feventh fpecies; the change of \(b\) into \(v\), denotes this Word to be an Adjective, and to fignifie Expedient. \\
\hline and & \begin{tabular}{l}
And. \\
35. (Na) A Conjunction, the fecond of the firlt Combination, vix
\end{tabular} \\
\hline Maif thou be & 36. (10) as numb. 25. \\
\hline Forgiving & 37. (Syeldy \(\psi_{s}\) ) Se is the Genus of Judicial Relation \(d\), the fecond difference, \(y 8\) the ninth fpecies, which is Forgiving: 8 joyned to the firt Conionant, fignifying the notion of Adjeclive, and \(l\), of ACtive, (s) the Oppofite. \\
\hline To & 38. (|al) as numb. 27. \\
\hline us & 39. ( \(a_{l}\) ) as numb. 28. \\
\hline our & 40. (hal) as numb. I. \\
\hline Trefpaffes o Male-ations & 41: (balgas) (ba) the Genus of tranfcendental general, (g) the third difference, (a) the fecond fpecies, ( \(s\) ) at the end, denoting the word hereby fignified, to be placed in the Tables as an Oppofite, and the Letter (1) in the firft fyllable, fignifying the ACtive voice, and the prolonging of the firt Vowel, expreft by the Accent over it, denoting the Plural Number. \\
\hline As & 42. (Me) as numb. 22. \\
\hline We & 43. (al) as numb. 28. \\
\hline are & 44. (ba) as numb. 4. But being here adjoyned to a word of the firit Perfon Plural, it mult be rendered, Are. \\
\hline Forgiving & 45. (r8eldyss) as numb. 37. \\
\hline To & 46. (lal) as numb. 27. \\
\hline Them & 47. (eb) A Pronoun, third perfon, plural number, They, or Theme. \\
\hline
\end{tabular}
Chap. 1V. Concerning a. Pbilofopbical Language:
38. (y४) as numb. 3 .
49. (bx) the preter tenfe of the Copula.
50. (Valgas) as numb. 41. Only that was 2 fubftantive of Action, Tranfgrefing and of the plural number, denoted by the length of the firft Radical Vowel ; whereas this is an Adjective, fignified by ( \(v\).)

5 1. (I8) A Prepofition being the laft Oppofite of the fecond Combi- Againf nation; and therefore mult fignifie, AgainSt.
52. (at) as numb. 28 .
53. (na) as numb. 35 .
54. (mi) An Adverb, the firft Oppofite of the firft combination, Not
gnifying No, or Not. fignifying \(N o\), or Not.
55. (to) as numb. 25.

Maill thou be
56. (Velco) (be) is the Genus of Tranfcendental ACIion. (c) de-Leading notes the fixth difference, and ( 0 ) the fifth feecies, which is Leading; the Letters ( \(v\) ) and (l) fignifying: Adjective. ACZive.
57. ( \(a_{b}\) ) as numb. 28. 1. Us
58. (ral) a Prepofition, the firf of the fourth Combination; and Into therefore mult fignifie, Into.
59. (bedodl४) (be) is tranfcendental altion; (d) denotes the fecond Temptation difference, ( o ) the fifth feecies, which is Trying; the fecond ( d ) doth denote this word to be joyned in the Tables as an affinis : the laft fyllable (18) fignifies the tranfcendental particle Corruptives, which in compofition, muft denote the worft fenfe of a word, and here it mult fignifie fuch temptation or trial sas ought not to be.
60. (ril) a Conjunction, the firf oppofite of the fecond combinati- Bar on, fignifying, But.
61. (io) as numb. 25 Maif thou be
62. (cyollbo) (cat) is the Genus of spiritual ACtion, (b) fignifies the Delivering firft difference, and (o) the fifth fpecies, which is, Delivering; the Letters 8and \(l\) fignifying Adjeflive AEIive.
63. (ab) as numb. 28.
64. (lal) a Prepofition, the fecond of the third combination; and From therefore múf fignifie, From.
65. (vagafie) as numb. 41. Only the \(b\) is turnedinto \(v\), to denote Evil Adjective, and the ( 1 ) is here left out, which fignifies action, and the tranfeendental Particle (ie) is here added, to denote Ewil thing.
66. (nor) a Conjunction, the fecond Oppofite in the third combi- For nation, fignifying, For.

\section*{426. Concerning a Pbilhfopbical Language. Part IV:}

The

Ringdom
And
The
Power

And
The 73.(al) as numb. 68.
69. (na) as numb. 35.
70. (al) as numb. 68.
67. (al) The demonftrative Article, vix. Tbe.
68. (Salba) as numb. 12.
71. (tado) (ta) is the Genus of Habit, (d) is the fecond differenct and ( 0 ) the fifth fpecies, which is Power.

Is 75. (ba) as numb. 4. But being here applied to the third perfon,

Thine
Everlaftingly' 77. (Pt8byy: ( \(\mathrm{P}_{6}\) ) doth denote the Genus of space, (b)the firf difference, ( \(y^{8}\) ) the ninth (pecies, which is (Evernefs,) the adding of the Vowel ( 8 ) to make a Dipthong with the firf Vowel, fignifies the word to be an Adverb, Everlaftingly.
amen - 78. (9, )the word Amen in the Literal Character.
So

May it be.
Glory \(\quad\) 74. (Tadala) (tad) is the fame Genus and Difference with numb. 72. the fecond (a) denoting the fecond (pecies, which is Reputation or Fame; the laft fyllable (la) being added to the termination, doth fignifie the firft of the feventh combination, among\&t tranfendental notions, viz. Augmentative, the higheft kind or degree of Reputation, which is, Glory. and fingular number, is to be rendered Is.

\section*{76. (ha) as numb. 11.}
79. (my) as numb. 19.
80. (10) as numb.9.

\section*{The Creed.}



 fobe, e bal lar \(=\) velc ral dad, ril \(8 ४ \& 8 \alpha\) e ta cyalco lil al pigy \(81 d\) d \(\alpha b\),
 tralti Dag, al fysye tyata vages, al fydzha la fygo al femdy la bálgas al 8yı m8s=calby \(1 a\) al odab na al ४yı caby e8ryfyt.
\begin{tabular}{|c|c|c|c|c|c|c|}
\hline & & حـ & - & \(22^{-7}\) & & \\
\hline 123 & 4 & 5 & 67 & 89 & 10 & 11 \\
\hline a ta tyalii & dab & cyst 80 & al \&bcy & badiy la & dad & \\
\hline
\end{tabular}

I am believing God the Father Almighty Maker of Heaven and

la dady na dad he cobascyopas hal faba y४ ıat
of Earth, and in Jefus Chrift his Son only our Lord, who was

conceived by the Holy Ghoft, born of the Virgin Mary, fuffered

 under Pontius Pilate, was crucified, dead, and buried, he defcended

\(\begin{array}{lllllllllllll}43 & 44 & 45 & 46 & 47 & 48 & 49 & 50 & 51 & 52 & 53 & 54 & 55 \\ 56 & 57\end{array}\) ral odad e ta cyalcalal al ४lcyabyfiy ril al poto fobe, e ia into hell, he did rife from the dead in the day third, He was

ldrsvelc ral dad ril, 88\&\&ae ta cyalco lil al pigy la Dab afcending into heaven, inwhich place he is fitting at the right hand of God the Father

\section*{428 Concerning a Pbilofopbical Language: Part IV.}
 from whence he fhall come to judge the Quick and the dead. I am
\begin{tabular}{|c|c|c|c|c|c|c|c|}
\hline & & - \(\sigma\) & ص & d-\%, & & & \\
\hline 87 & 88 & 89 & 90 & 91 & 92 & 93 & 94 \\
\hline
\end{tabular} tyalti Dag al fy=8e tyata vages al lydzha la believing in the Holy Ghoft, the Church holy Catholick, the Communion of
 fygo al femdf. labalgas al ४yımyscalby ladodab na al Saints, the forgivenefs offins, the refurrection of the body, and the 108109110 8yb caby cyryfyt.
- 人
life everlafting.
1 I. (d) a Pronoun of the firft perfon, and fingular number, \(I\).
Am 2. (ba.) The copula, esf, in the prefent tenfe, which being ufed with the firft perfon, doth fignifie Am.

Eelieving

God the Fas: ther

Almighty
3. (IBalti) : (ta) denotes the Genus of Habit the fifth difference, \(i\), the fourth fpecies, which lis Faith; the adding of 8 to \(t\), denotes the word to be an adjective, and the Letter \(l\) fignifies the active voice, Believing.
4. (Dab) The Monofyllable \(D a\) is appointed tofignifie God, or the divine nature; the addition of the Confonant \(b\), will denote the firt perfon in the Bleffed Trinity.
5. (eytya) A Compound of Particle, and an Integral, the Particle being a dipthong, appointed to fignifie All. The Syllable ta, denoting the Genus of Power ; the addition of 8 , makes it to be an adjective,viz. potent, or powerfut.

The 6. ( \(\alpha l\) ) the demonftrative Article, The.
Having been
( 8 b) the fign of the preter tenfe.
8. (cyolbaiy) (ca) is the Genus of Spiritual action (b) demotes Creating per- the firft difference, and \(d\) the firft fpecies; which is Creation; the adron dition of 8 to \(c\), fignifies adjective, and the Letter (1) active; the laft dipthong ( 18 ) denotes the tranfcendentad compofition of Perfow. So that this word with the two preceding Particles, does import, the baving Created Perfon.
9. (la)

\section*{Chàp. IV. Concorning a Pbilofopbicat Language:}
9. (1a) the firt Prepofition, fignifying of.
10. (dad) (da) the Genus of World, and (d) the fecond difference, Hearen which is Heaven.
11. (na) the fecond Conjuaction of the firft Combination, fignify-And ing And.
12. (la) as numb. 9.

Of
13. (dady) The fame Genus and difference, as numb. 10. The \({ }_{\text {Earth }}\) Vowel Y fignifying the feventh fpecies, which is, Tbis Earth.
14. (na) as numb. 11 . And
15. (dad) the fecond perfon of the Bleffed Trinity. Jofus Chrifl
16. (he) the.Vowel \(e\) fignifies a Pronoun of the third perfon, and \({ }^{\text {mh }}\) fingular number, the Letter \(b\) prefixt, fhews it to be ufed poffeffively, for His.
17. (cobas) the fyllable (co) is affigned to the Genus of Oeconomi- Son cal Relation, the Letter (b) to the firlt difference, and the Vowel (a) for the fecond feecies, the Letter (s) denoting the word hereby fignified, to be an Oppofite, viz. Son.
18. ( \(c \&_{o p a s) ~ t h e ~ f a m e ~ G e n u s ~ a s ~ t h e ~ f o r m e r ~(~}^{\text {p }}\) ) fignifying the fourth difference, and (a) the fecond fpecies, and the Letter ( 8 ) an Oppofite, Only viz. Alone, or Only.
19. (hal) A Pronoun, firt perfon poffeflive, plural number. our
20. (Saba) (Sa) the Genus of Civil Relation, (b) the firft difference, viz. Degrees of perfons, (a) the fecond fpecies, which is Sove- \({ }^{\text {Soverrign }}\) reigus, or Lord, to whom we owe Obedience, or fubjection.
21. (\%y) the fecond of the compound Pronouns, fignifying Who, or Which.
22. ( 10 ) The Copula Ef, in the preter tenfe. Was
23. (çuambab) (ca) is the Genus of corporeal action, (b) the firft conceived difference, and (a) the fecond fpecies; the adding of the fecond Radical Confonant ( \(b\), ) denotes this word to be adjoyned in the tables, by way of affinity, and confequently to fignifie Conception, ( \((\) ) fignifying edjjective, and (m) Palfive.
24. (la) the fecond Prepofition in the firt Combination, (by)' By
25. (al) as numb.6. The
26. ( \(\mathrm{D} a \mathrm{~g}\) ) the third Perfon in the Bleffed Trinity.

Holy Ghoft
27. (cyambe) the fame Genus and Difference with numb. 23. (e) Borne fignifying the third fecies, whi ch is Parturition (8), denoting AdjeEive, and (m) Pafive.
\begin{tabular}{|c|c|}
\hline 43 & Concerning a Pbilofophical Language. \\
\hline & the third Prepofition in the firtt Combination, relating to ial Caufe, of. \\
\hline
\end{tabular}

The 29. (al) as numb.6. The
virgin \(\quad 30\), (codad) the fyllable (co) as was faid before, is affigned to oeconomical Relation, ( \(d\) ) is the fecond difference, and ( \(a\) ) is the firft fpecies; the repeating of the fecond Radical Confonant at the end, makes this word to denote fomething adjoynid by way of Affinity, viz. Virgin.
mary \(\quad 3 \mathrm{I}\) ( ) the name Mari in the literal Character.
Capitally pu- 32. (r8emt) the fyllable (fe) is for Judicial Relation, the Letter n!hed ( t ) is the fifth difference, viz. Capital purihment, ( \((\mathcal{)}\) is Adjective, and (m) Palfive,
Under - 33. (rir) A Prepofition, the firft oppofite of the fixth Combination,
Pontius Pilate 34 -( P ( \(5 / 5 \mathrm{~V} \cdot \mathrm{dS}\) ) the name Pontius Pilate, in the Literal CharaAcr.

Was \(\quad 35\). (ba) as numb. 22.
Crucified
36. (fyemtyy) the fame Genus and Difference as numb. 32. the laft Dipthong \((y 8)\) denoting the ninth difference, which is Crucifying, the firt ( \((४\) ) being the mark for Adjective, and the Letter \((\mathrm{m})\) for Paffive.
Dead 37. (çabys) the fame as to genus and difference, with numb. 23, \& 27. the Vowel ( \(y\) ) fignifying the feventh fecies, the Letter ( s ) an oppofite, and the vowel ( 8 ) adjective.
And \(\quad\) 38. ( Na ) as numb. 11.
Buried 39. (fyympyy) The fyllable (fy) is Ecclefiaftical Relation, (p) the fourth difference, and ( \(y \%\) ) the ninth feecies, which is Burial; the firt ( 8 ) being the fign of adjective, and (m) of palfive.

He
40. (e) Pronoun of the third perfon, fingular number, viz. He.
41. ( \(\stackrel{(A)}{ }\) as numb. 22.

Was
42. (lir=velc) This word is a Compound, the firft fyllable (lir) is a Prepolition, the firt oppofite of the fifthCombination, Ggnifying downwards; (be) is the Genus of tranfeendental action, the Letter (c) the fixth difference, which is Ition, ( 8 ) the adjective, and (1) the aftive, Down-going, or Defcending.
man
43. (ral) a Prepofition, the firft of the fourth Combination, fignifying Into.

\section*{Chap. IV. Concerning a Pbilofopbical Language.}
44. (odad) (da) is the Genus of World, (d) is the fecond diffe- Hell rence, which is Heaven, the vawel ( 0 ) which is oppofite to (a) being prefixt, denotes this to be the word oppofite to Heaven, viz. Hell.
45. (c) as numb. 40. He. He
46. ( \(b d\) ) as numb. 22 . Hach beea
47. (cyalca) (ca) is Corporeal AEtion, (c) is the fixth difference, kifing and (a) the firt Species, viz. aife, ( \((\mathcal{)}\) ) the adjective, and (I) the adive.
48. (lal) a Prepofition, the fecond of the third Combination, Froin Frow.
49. (dl) as numb.6. Tbe.

The
50. ( Hb \(_{6}\) ) as numb. 7.

Having been
51. (cyabysıy) The fame radical word with numb. 41. the Dip- Dying perfont thong (i४) being a tranfcendental compofition, denoting Perfon.
52. (ril) a Prepofition s the firf \(^{0}\) oppofite of the fourth Combinati- on 0 , fignifying \(I_{n}\).
53. (al) as numb. 6.

The
54. (Poto) the fyllable (po) doth ftand for the Genus of Meafure, Day ( \(t\) ) the fifth Difference, and ( 0 ) the fifth Species, which is Daj.
55. (fobe) The fame Genus as the former, (b) the firft Diffe- Third rence, relating to N maber, (e) the third Species, the turning \(p\) into \(f\), Ggnifying adjective, viz. Third.
56. (e) as numb. 40.

HE
57. ( \(1 \times\) ) as numb. 22.
38. (latrivelc) a Compound as numb. 42, Only the Prepofiti- Arcending on here, being the firft of the fift Combination, muft fignifie Upwards; and the word Afcewding.
59. (roal) as numb. 43. Inco
60. (dad) as numb, 10 .

Acaven
6I: (ril) as numb. 52. In
62. (88-80) A Compound of the Pronoun which, and the tranfien- Which place dental Mark of Place.

\section*{63. (c) as numb 40.}
64. (ca) as numb.2. But being herefpoken of a third Perfon in is the fingular number, mult be rendered (is.)
\begin{tabular}{|c|c|}
\hline Sitting & 65. (çalco) The fame Genus and Difference as numb. 47(o) being the fifth Difference, which is sitting, (४j) adjeciive, and (1) adtive. \\
\hline A.t & 66. (lii) a Prepofition, the firft Oppofite in the third combination, fignifying \(A t\). \\
\hline The & 67. (dl) as numb.6. \\
\hline Right hand & 68. (pigy४) (pi) is the Genus of space, (g) the third Difference, and ( \(y 8\) ) the ninth fpecies, which is. Right band. \\
\hline Of & 69. (1a) as numb. 9. \\
\hline God the Father & 70. (Dab) as numb. 4. \\
\hline From & 71. (lal) a Prepofition, the fecond of the third Combination, fignifying From, \\
\hline Which place & 72. (8\%:8d) as numb. 70. \\
\hline He & 73. (e) as numb. 45. \\
\hline Shall be & 74.(ie) the Copula in the future tenfe, shall be. \\
\hline Coming & 75. (velca) be is the Genus of tranfcendental ACtion, \(c\) the fixth difference, and \(a\) the firt fecies, which is Come, the turning of \(b\) into \(v\), denoting adječive, and \(l\) AClive. \\
\hline For & 76. (lo) a Prepofition, the fecond oppofite of the firt Combination, viz. For. \\
\hline Judging & 77.(Selba) (Se) is Judicial relation \(b\) the firft difference, and \(a\) the firft fecies, which is \(7 x d g e ;\) the Letter \(l\) fignifies a Noun of action, viz. Fudging, or Fudication. \\
\hline The & 78. (al) as numb. 6. \\
\hline Quick & 79. (cళabyı४) ca is the Genus of corporeal action, \(b\) the firft difference, and \(y\) the feventh feecies, which is Life, the vowel 8 fignifying adjective, viz. Living, is being the tranfcendental compofition for Perfon. \\
\hline And & 80. (na) as numb. 11. \(\because\) \\
\hline The & 8 r . (al) as numb, 6. \\
\hline Having & 82. (8t) as numb. 7. \\
\hline Died perrons & 83. (çabyfy) as numb. 5 I . \\
\hline 1 . & 84. (a) as numb. I. \\
\hline Atm & 85. (ba) as numb. 2. \\
\hline Beliering & 86.' (t8alti) as numb.3. \\
\hline The Holy & 87. (Dag) as numb. 27. \\
\hline The & 88. (al) as numb. 6. \\
\hline Church & 89. (fy=8e) the fyllable 1y is put for the Genus of EcclefiafticalRe \\
\hline
\end{tabular}

\title{
Chap. IV. Concerning a Pbilofopbical Language. 433
}
lation, the Dipthong ( \(8 e\) ) being the tranfcendental for Aggregate.
90. (t8ata) Ta is the Genus of Habit, \(t\) the fifth difference, and Holy a the fecond Tpecies, which is Holinef'; the addition of (8) to the firft Radical, doth fignifie the word to be an adjective, viz. Holy.
91. (vages) (ba) is the Genus of Tranfcendental Relation mixed, univeral \(g\) the third difference, and \(e\) the third fpecies, ( s ) the note of oppofite, Ythe fign of adjective, viz. Vniverfal.
92. (al) as numb. 6: The
93. (Sydzha) Sy the Genus of Ecclefiaftical Relation, \(g\) the third Communion difference, a the fecond fpecies, which is Communicant, or Catbolic. 3 the turning of \(g\) into the fame power that we give to J confonant, fignifies this word to be an Abfract, viz. Communion.
94. (1a) as numb. 9.
of
- 95. (Sygo) Sy is Ecclefiaftical Relation, \(g\) the third difference, Saints o the fifth Ipecies, which is Saint, the prolonging of the firf Vowel denotes the plural number.
96. (al) as numb. 6. The
97. (femdy) Se is the Genus of Judicial Relation, \(d\) the fecond dif- Eeing forgiven ference, and \(y\) the feventh Species, which is Remilfion, or Forgive\(n e \delta_{,}, m\) denotes the paffive voice.
98. (la) as numb. و. of
99. (bailgas) ba is tranfcendental general, \(g\) the third difference, sins a the fecond fpecies, \(s\) denotes an oppofite, \(l\) a Noun of action, and the prolonging of the firt Radical Vowel, the plural number.
100. (al) ạnumb. 6. The
101. (8yb) the Future Tenfe.

Future
102. (myscalby) a compound, the Particle mys fignifying \(r e\), or Relifr, orli. again, (caby) being before rendered Life, \(I\) denoting Ađđive.
ving again
103. (1a) as numb. 9 .
of
104. (al) as numb. 6.

The
105. (odab) Da is the World, dab is Spirit, to which is oppofed Body Body, fignified by prefixing the Vowel o, which is oppofite to a
106. (na) as numb. II. . And
107. (al) as numb. 6. The
108. (8yi) as numb. ror.

Future
109. (caby) the fame Radical as numb. 37 , and 102. Only this is Life not an Oppofite, nor an Adjective.
\[
\mathbf{K k k}
\]

Everafting \(\quad 110\). (e8zyfyt) ( \(\epsilon 8\) ) is all, as numb. 5. (py) is the Genus of Meafure, ( \(t\) ) the fifth difference, which is mealure of time, the affinis to which, (here denoted, by prepofing the Radical Vowel y)is Duration, \(p\) being turned into \(f\), fignifies Adjective, i e. All-during, or Everlafting.

I am fenfible that this Contrivance fothe Language is not ordered (as to the facility and pleafantnefs of the found) to fo good an advantage as it might have been upon further confideration and practice: But as it is, I think it may (even in thefe refpects) come into comparifon with any of the Languages now known. For the better tria of which, 1 hhall give feveral Inftances of the Lords Prayer, as it is rendred in fifty feveral Languages, and written in our common Letter; moft of which, I have taken out of Gefner, Mithridates, and Megijerus his Specimen, as they have collected and lettered them to my hands. For the reft, I am beholding to other Books, and the afiftance of fome particular Friends.

Euglifh
Chap. IV. Concerning a Pbibfophical Language: 435
\begin{tabular}{|c|c|c|c|}
\hline Englifh &  & Waillomea be tue finus & : \\
\hline Hebrew & 2. Abinu Shebbafotamaim & likkadefch fchemocha & \\
\hline Arabic & 3. Ya Abastalladi phiffamawati. & Yatakaddafu fmoen & \\
\hline Syriac & 4. Abun dbremamjo & Nethkadefh fhmoch & \\
\hline Athiop & 5. Abána xabafharaâjact & Yithkídafh fhimácha & \\
\hline Greek & 6. Páter teemion to en rois our amois & Hagiafthíso to enoma four & \\
\hline Copti & 7. Peniot eichennipheoni & Marefioubonje pecran & \\
\hline Latin & 8. Pater nofter qui es in coelis & SanCtificetur nomen turm & \\
\hline Spanifh & 9. Padre nreftro que eftas en loscielos & Sanctificato fea el tu nombre & \\
\hline Porteguele & 10. Padre itoffo que flas nos ceos & Sanctificado feja o tea nome & \\
\hline French & 11. Noftre pere qui es és cieulx & Ton noma foic fandifie & \\
\hline Italian & 12. Padre noftro che fei ne' cieli & Sia fantificato il nome wo & \\
\hline Friulian & 13. ParineAri ch'ees in cijl & See fantificaat la te nom & \\
\hline Sardinian of the \({ }^{2}\) & \({ }^{1}\) 4. Pare noftre che fes en lofeels & Sia fanctificat lo nomita & \\
\hline \multicolumn{4}{|l|}{City} \\
\hline Sardinian of the & i 5 . Babu unoftrufughalefes in fofchelus & Santufiada fiu nomine tue & \\
\hline Countrey
Gryfons & 16. Bab nos quel tii ift in efchul & Santifichio fala ilgres num & \\
\hline \multirow[t]{2}{*}{.Germ. ancient Germ.modern} & \multirow[t]{2}{*}{ mel} & & \multirow[b]{2}{*}{,} \\
\hline & & \begin{tabular}{l}
Din namo tocrar getperligot \\
Webepliget toerbe bein mabra
\end{tabular} & \\
\hline Old Saxon 1 & 19. Wiren fabir thic arth in beofnas & \multicolumn{2}{|l|}{Stegebatguo thin noma} \\
\hline Dutch & 20. SDnte wader die in den bemeitin (3ijt & amen racm merbe gebe & \\
\hline Danifh & 21. FOader bor durom eft ibimmeien &  & \\
\hline Illand & 22. 15aber toz fun ert at bimmum & beigite bite nam titan & Megiferus \\
\hline Lappian & 23. 31a meidyen jotro ofebl taju abita & Fuiltettuoltohon 4 & M. \\
\hline Suedifh & 24. fadber max Cometi i tmiom & belsbat twatte titt namp & N. \\
\hline Gethic & 25. \({ }^{\text {4 tta uncar tba in }}\) (tmmina & UREbuai namo tbein & M. \\
\hline Carnifh & 26. Ozha nafh kir fi v' nebefih & Pofvezhénu bodi iime troic & M. \\
\hline Dalmatian & \({ }^{27}\) 7. Otfec nas koyi- yeffral nebiffih & Szvetiffe gyme troye & M. \\
\hline Hungarian & 28. Miattynackli vagy azmenjegbe & Meghftentel iesjek ar te newed. & \\
\hline Croatian & 29. Ozhe na/h ihe efina nebefih & Svecife jme tuoc & M. \\
\hline Servian & 30. Otze nath inte jeff \(v^{\prime}\) nebefih & Pofvectife jane twoje & M. \\
\hline Walachian & 31. Tatal noftru cinerefii in ceriu & Sfiuciufchafe numelle tein & M. \\
\hline Bohemian & 32. Otozie nats genz fyna nebefich & Ofzwiet fe meno rwe & \\
\hline Lufatian & 33. Worch naich Eenich fy nancbebui & Wis wefchone bushy me & \begin{tabular}{l}
Gefoerlis \\
M
\end{tabular} \\
\hline Polonian & 34. Ocziecz malch ktory jeftofz wnifbye & Swyecz fie gymye twa & G. \\
\hline Lituanian & 35. Tewe mufu kurfey efi danguy & Szweskis wardas tawo & \\
\hline Livonian & 36.Abes nus keas tu es eek fekan debbetis & Schwetitz tows waarcz & \\
\hline Ruffian & 37. Oche nafh Izghx yeale nanabxfregh & Da fueatefa Ima tuox & M. \\
\hline Tartarian & 38. Atcia wyzom hhy hokta fen algufch & Ludor fenug adongkel fuom & \\
\hline Turkif & 39. Babamoz hanghe gugteffon & Chudufs olfsum fisenungh adun & M.
M \\
\hline Armenian & 40. Hair mer or iercins des & Surb eglizzi anuncho & \\
\hline Perfian & 4 \({ }^{\text {3 }}\). Ai pader makeh darormân & Pak bafhoud nàm tou & \\
\hline Chinifh & 42. Nego tem fr' che tfay thian & & \\
\hline welfh &  830 & Sandtivater Dp enivo & \\
\hline Irifh & 46. Wit uatbteataifthair nin & & \\
\hline Bican & 49. Wiase star cerve ras aicers & Babs far bantimti & Megiferus. \\
\hline Frifian & 46, cale bate nerftumite ene bewal & Deanmme wiot beitigt & M \\
\hline Madagaicar & 47. Prownep nutfica ijaw bamaterech ant ancubtal & Anghatamaz boticuabotis & M. \\
\hline Poconchi & 48. Catat tapab bilcat & & \\
\hline NewEngland & 490. 全00Chun kefukquot & Sutttian tamunach somberuonis & \\
\hline \multirow[t]{2}{*}{Philor,Language} & 51. Has coba us ca ril dad & Ha babeto frymera & \\
\hline & \multicolumn{2}{|l|}{\begin{tabular}{l}
52. Y४r fádher hyith art in Halloed bidhyı nám héven: \\
KkK \(\mathbf{z}\)
\end{tabular}} & \\
\hline
\end{tabular}

436 Concerning a Pbilofopbical Language: Part IV


\section*{Chap. IV. Concerning a Pbilofopbical Language.}
\begin{tabular}{|c|c|c|c|}
\hline Englifh & 1. In earthas it is in \%esbers & \multicolumn{2}{|l|}{} \\
\hline Eidurew & 2. Ci bafschamaim u baarez & \multicolumn{2}{|l|}{Lachmenu temidi ten lanu hajom} \\
\hline Arabic & 3. Camâ phiffamati wa ala'l ardi & Chäbzanailladi lil gadi abtinaol yaum & \\
\hline Syriac & 4. Aikano dbashmajo hocano oph barao & \multicolumn{2}{|l|}{Havlan lachmo dfunkonan jaumomo} \\
\hline Frhiop & s. Bachama bathamai wabamdyrni & \multicolumn{2}{|l|}{Shihdjana talalà ylathana habana yom} \\
\hline Greek & 6. Hits en ourame kai epi tes ges & \multicolumn{2}{|l|}{Ton ároon bemôritonepioufion dos bemin femecrori} \\
\hline Copai & 7. Phredickentpbenembi jenpicabi & \multicolumn{2}{|l|}{Fenoikh itrefit meifnerpboon} \\
\hline Latin & 8. Sicut in coelo fic etiam in terra & \multicolumn{2}{|l|}{Pinem noftrum quotidianum da nobis hodie} \\
\hline Spamifi & 9. Affy en el cielo, como en la tierrà & \multicolumn{2}{|l|}{Nueftro pan cotidiano dad le a nofotros of} \\
\hline Porreguele & 10. Affi nos ceos, come na terra & \multicolumn{2}{|l|}{O pao no fio de cadadia dano lo oie nefto dia} \\
\hline French & 11. Ainfi enla terre, comme au ciealx & \multicolumn{2}{|l|}{Noftre pain quotidiain donne nous aviourdbuy} \\
\hline Incian & 12. Si come in cielo cofi in terra & \multicolumn{2}{|l|}{Dacci boggi il noftro pane quotidiano} \\
\hline Frinlian & 13. Sice'in cijl et in tierra & \multicolumn{2}{|l|}{Da nu huel neftri pau cotidian} \\
\hline Sarclinimn of the City. & 14. Axicom en lo celi en la terra & \multicolumn{2}{|l|}{Lo pa noftre cotidia dona anofaltres hui} \\
\hline \(\mathbf{s}^{\text {ardinim of the }}\) Councrey. & 15. Comenti in chelo et in fa terra & \multicolumn{2}{|l|}{Su pane nqftru dogniedie duna Jnofateros hoc} \\
\hline Gryfons & 16. In rerra fco la fo in cfchil & \multicolumn{2}{|l|}{Do a nus nes paun houtz \& in miinchia di} \\
\hline German ancieat & 17. 3n erbe alfo in mimets & \multicolumn{2}{|l|}{cincte tagoltiba brot cib uns biato} \\
\hline Germ, modern &  & \multicolumn{2}{|l|}{ainfer taglet biot git uns brut} \\
\hline Old Saxion & 19. 3s in beofnas and in eoztbo & \multicolumn{2}{|l|}{Cten blaf ofer wirtlic fel ux to da} \\
\hline Datch & 20. Welijek tu Den beimel oockop ber atrben & \multicolumn{2}{|l|}{Dne dagtelifccs bluot gbectt ons bedent} \\
\hline Danifl & 21. Daa paa jozden fom band er \(\mathfrak{t}\) bim= meien & \multicolumn{2}{|l|}{CIff czit dag boyt yaglige 2500} \\
\hline Inetind & 22. Duoms al bitume fo aipoon &  & Mcgilerus \\
\hline Lappin & 23. 竦moin tai bahtila ngnman' palla & \multicolumn{2}{|l|}{sorimben jokz patpoen lefipa methelertana M.} \\
\hline Spedifa & 24. Sa lomi bimmelen faxa pa joz= Denne & Wetact Dagcigha brop gtff cfs toagh, & M. \\
\hline Gothic & 25. Wue in bimmina gab and arte & Litact mulacana thana fentetiman gif unfs & \\
\hline Carnila & 26. Kakor nanebi taku nafemlij & Kruh nalh ulak dainii dai nam dones & M. \\
\hline Dalmatiza & 27. Kako na nebu tako i na zemlyi & Krub nas fivagdanyni day nam danars & \\
\hline Bungarixn Croatinn & 28.Mi keben menyben azon kepen it ezfe old ounis. & Mi kenjerumak or mindèn napgat adgyad ncke muk
md & M. \\
\hline Servian & 29. Jako na niebefih j tako naremlij & \multirow[t]{2}{*}{Hlib nash ufag danni dai nam danas Hlib nafh ufak danii dai nam danas} & M. \\
\hline Walachim & 30. Rako vnebi i cakos nafemlij & & \\
\hline Bohemim & 31. Cum in cerim afa prepo mortM & Prime moe de tote xilclle dene nobo aftaxi & Gefnerus \\
\hline Infation & 32. Yakona nebi rak y na zemi & Chleb nafz wezdeyffi dey nam dnes & M. \\
\hline & 33. Takhak nanebu tak heu nafemu & Koib nafch fchidni day nem thenfa & G. \\
\hline polonian & 34. Yako wniebiy na zemii & \multicolumn{2}{|l|}{Chlicb nafch pow fchedny day nam dzy fay} \\
\hline Livonian & \begin{tabular}{l}
35. Kayp and dangaus teyp ir andziames \\
36. Tafch kan debbes ta wurfan fummes
\end{tabular} & Donos mufu wifu dienu dok mumus fzedien Muble deaifche mayfe duth mums fehodeen & M \\
\hline Ruffin & 37. Yaco na nebefor jnazemlee & Gblab nalb narou fctrineci dazgd nam dnas & \\
\hline Tartarim & 38. Achtaver vifungundaluch & Ot mak chiu mufen vougon & M. \\
\hline Armenina & 39. Nicle gugthe ule gyrde & \multirow[t]{2}{*}{Echame gumozi her gunuon vere bize bugun Zhaze mer hanapazord tue mez aifaur} & M. \\
\hline & 40. Orpes jercins en jercri & & \\
\hline & 41, hamzienánkeh dar ofmàn niz dar zamin & \multicolumn{2}{|l|}{Bedib marah amrouz nin kefaf rouz mara} \\
\hline & 42. Tutyfu fim thjan & \multicolumn{2}{|l|}{\begin{tabular}{l}
 \\

\end{tabular}} \\
\hline welf & 43. \$re ofatar, megise mac prene teedo & & Megiferus \\
\hline Irih & 44. \#ir nimb egis air thalambi & \multicolumn{2}{|l|}{} \\
\hline Bifan & 49. ©Cerban be caia turreanetc & ©ure eguncco oguta igue egun & M. \\
\hline Fritian & 46. Opt prttick as pue bemil & \multicolumn{2}{|l|}{caty Bellix bee jopmos jub:y} \\
\hline Madagafcar Poconchi & 47, \%ntanctons and anghital & \multicolumn{2}{|l|}{SOabon tnetobyauau ancou aniouatinathanc antilica} \\
\hline New Erogland & 48. \%2abute bach a cal be inban tarab & \multicolumn{2}{|l|}{} \\
\hline Philof.Lamgrage & 49. 三2en rach obbeit ueanc befukqut 50. Ms ril'dady me ril dad & \multirow[t]{2}{*}{\begin{tabular}{l}
1) imean peuztu kefukog \\
to velpi ral al ril pota i hai faba vaty Giv ys dhis dab y Yr dablb bred
\end{tabular}} & \\
\hline & 5 r.In erth azit is in héven & & \\
\hline
\end{tabular}


Sardinian of the 14. I dexia anofaltres loldeutres noftres City.
Sardinian of the \({ }^{15}\). Et laffa anofateros is.'debitus noftrus Countrey.
Gryfons 16. Parduna à nus nos dbits

German ancient \({ }^{17}\). \({ }^{16 n b e}\) unfere feuloc belafuns
Germ. modern 18, anno bergib unsunfre fcbuid
Old Saxon 19. 3no fozgef us feploa utra
Dutch 20, ende bergbeeft ong onfe fcbulden
Danifh 21. ©Df fozlad os boz tetid
Ifleland \(\quad 22.5 \mathrm{Dg}\) bergeb 03 skulben bozn
Lappian 23. ja anta anteife meiden fendia

M. Gothic \(\quad\) 4.6aib alet uns thatet fculanfsiguime
M. Carnifh 26. inu odpufti nam dulge nafhe
M Hungarian \begin{tabular}{c} 
28. Es bochafdmegh neck eunkaz mi vetkegn- \\
kermi
\end{tabular}
\begin{tabular}{lll} 
M. & Croatian & 29. Jodpufti nam dlgi nafhe \\
M. & Scrvian & 30. Jodpufti nam duge nafhe
\end{tabular}
M.

G
\begin{tabular}{|c|c|c|}
\hline \multirow{3}{*}{M.} & polonian & 34. A odpufcz nam uyny nafcha \\
\hline & Lituanian & 35. Ir atlayisk mums mufu kaltes \\
\hline & Livonian & 36. Panniare mums muffe grake \\
\hline M. & Ruffian & 37. Jo ftaue nam dolghij nafha \\
\hline M. & Tartarian & 38. Kai vifum ja fachen \\
\hline \multirow[t]{5}{*}{M.} & Turkifh & 39. Hem baffa bize borlligomozi \\
\hline & Armenian & 40. Eu thogl mez zpaartis mer \\
\hline & Perfian & 41. Woodar kedfar mara konáhan ma \\
\hline & Chinifh & 42. unl myan ong-0 tsi a) \\
\hline & Welfh & 43. 3 maboen in niein opledien \\
\hline \multirow[t]{2}{*}{M.} & Irifh & 44. Tgis maty muin daitfblaciba ammatl \\
\hline & Bifan & 45. ©Eta quitta jettague gute coztac \\
\hline \multirow[t]{2}{*}{M:} & Frifian & 46. 3n berioh mas bos febelden \\
\hline & Madagalcar & 47. amanbanau manghafaca banay ota \\
\hline
\end{tabular}

Philof.Language si. na zo freldy yos lad as has bealgas
52. and fargiv ys y8r trefpaisez

Cemfeher anachau folcchim lebaale chowecteren
Camenághphiro nabron limàn laníalcibi
Aikawo doph chanan labakan Ichaibeian
Chamà nythnemi nytadyg laxi abalus hata
Hen kei bemis apbiemen tois opbiletsis be mow
Tescboebal merse
Sicus \& eos reaittimas debiteribus noftris
Afir como anforrot perdonamos à niefteos denf. dores
Affi como nos perdoamos aos noflos dividores
Comme noes pardonnons a eculx qui nowe are offenses
Si come noi perdensimen idebisori moffi
Sicu noo perduin agl neftris debitoors
Axicom I noosltres dexizen als dostoile nefret

Comente enofateros a isdebitores nofrus

Sco nus fainal not dbitaduors
Gist auch wer belatendo unicren fatoigen SIg mit auch bergeben uncern (culatgern कut we forgeter (cylogum urum
bilfjet bock toy bergbeben ouftn chaibe
naren
Scm mit forlape boge fozlocuct
Gubfom bl bergebanaka! Ibun bogn


mua fue gab maiz aftam tyaim Oulam
Kakor tudimi odpuftimo dullhnikom nalhim
Kako i my odpufchyamo duxnikom naffim
Kepen mreg bochat wink ellen wouch vetetschnek
Jaco be imi odpushrhame dilhnikom aabiam
Kako imi otpulhzhamo dulhnikom nalhim
Curn funoi jerte ine graferitor noftri
Yako \(\mathrm{I}_{\mathrm{m}} \mathrm{my}\) od pentime mafinm winikom
Ack my wodawanij swisilman nathim
Yako \(y\) my odpurezamy winowaytzom nafchyom
Kayp ir mes allaydrien Sawiemus kaltienus
ta mefi panmart mafic paiztadrekén
Yaco Irawse Oftevelayem dolzgnecom mabibe
Aless bifdacha laielberin bifum jafoch namain
Nycfe bivde balarnmborfe tigleremozi
Orpas en mech thoghench meroze partpmane
Chenactech mieniz mikedfarim orminameca
Ziun ngò ije ffe tok' ngo tfo ay tfat




 442
 Firomint matchenchal apeasty mula quagtas

 az \(8+\) folrgis dhem dhat trefpafs againft ys.

\section*{Chap. IV.Concerning a Pbilofophical Language.}
\begin{tabular}{|c|c|c|c|}
\hline Englifh & 1. 3 not leapus not into temptatien, & \multicolumn{2}{|l|}{Fat deliber us frometi, \%men.} \\
\hline Hebrew & 2. Veal tebienu leniflajon, & \multicolumn{2}{|l|}{Ella Hazzilénux mera, Amen.} \\
\hline Arabic & 3.Walâ nídkilnỉ hagiàrib, & \multicolumn{2}{|l|}{Lakín nagjinnâ minnafh thirriri.} \\
\hline Syriac & 4. Ulotalaan Inesiuno & \multicolumn{2}{|l|}{Elo pazzan men vifho. Amin.} \\
\hline Athiop & 5. Waïchabyana wyfh tha manfhüthi, & \multicolumn{2}{|l|}{Alà adychnana balhhánana ymkû́lu ychûi.} \\
\hline Greek & 6. Kai me ifenenkes hemas is pirafmon, & \multicolumn{2}{|l|}{\multirow[t]{2}{*}{Alla rbjJai bemas apo row ponerou, Amen. Alla nab menebolch enpipethmou.}} \\
\hline Copti & \%. ouo omper tenechou epirafmos, & & \\
\hline Latin & 8. Et ne nos inducas in tentationem, & \multicolumn{2}{|l|}{Sed libera nos à malo, Amen:} \\
\hline Spanih & no nos dexes caër en la tentation, & \multicolumn{2}{|l|}{Nas libra nos de mal, Amen.} \\
\hline Porteguef & 10. E nao nos dexes cahir in tentacao, & \multicolumn{2}{|l|}{Mas libra nos do mal. Aroen.} \\
\hline French & \({ }_{1}\) 1. Er ne nous induy point en tentation; & \multicolumn{2}{|l|}{Mais deliure nous de mal, Amen.} \\
\hline Italian & 12. Ernon \(\mathrm{c}^{\prime}\) indurre in tentatione, & \multicolumn{2}{|l|}{Ma liberaci dal male. Amea.} \\
\hline Friulian & 13. E no nus menas in tentation, & \multicolumn{2}{|l|}{Mà libora nus dal mal.} \\
\hline Sardinian of the City. & 14. Ino nos iuduefcas en la tentatio, & \multicolumn{2}{|l|}{Mas liura nos del mal.} \\
\hline sardinian of the Countrey. & 1 s . E no nos portis in fa tentatione. & \multicolumn{2}{|l|}{Impero libera nos da fumale.} \\
\hline Gryions & 16. Nun ens maener in mel aprouaimaint, & \multicolumn{2}{|l|}{Dimperfemaing feendra nus da ruots mels} \\
\hline Germas ancient & 17.3nd in chorunga nit leitefl Du unach & \multicolumn{2}{|l|}{\(\mathrm{Tl}_{4} \mathrm{n}\) belote unach fanc ubele} \\
\hline Germ, modern & 18. Ahud fubzeuns nicht in berfucbung & \multicolumn{2}{|l|}{Dondern eriofe uns bom bofen} \\
\hline Old Saxon & 19.2ind no iniead ufth in cuitmans & \multicolumn{2}{|l|}{3\% gefrtg urich from ite} \\
\hline Dutch & 20. © ive en lepotans niet i berboce= stinde. & \multicolumn{2}{|l|}{spact betloft ons ban den bofis.} \\
\hline Danih &  & -utures & Megiferus. \\
\hline Ifleland & 22. 3nt icidt ose bich becijiai & betiout bjeita os bet illu & \\
\hline Lappian & 23. 3a ale fate met ta kin fauren & sputta paafta inette pabafta & M. \\
\hline Suedifh &  & alcban frels ofs ifram ondo & M. \\
\hline Gothic & 25. Fabni brtgges mas in fraefub & 3x lauzit uns al thamma oblit. & M. \\
\hline \begin{tabular}{l}
Carnifh \\
Dalmati
\end{tabular} & 26. Inu neupelai nas \(v^{\prime}\) iskufhno & Tamazh refhi nals od Ilega & M. \\
\hline & 27. Ine naafs uvediu-napalst & Da ofslobodi nass od afsla. & \\
\hline Hangarian Croatian & 28. Es ne vigy munket ar kefertet
29. Ine isbavi nas od nepriafni & \multicolumn{2}{|l|}{Ben defzabadiz megh minket azgonefztul M.} \\
\hline Servian & 30. Ine vauedi nas v' napaft & & M. \\
\hline Walachian & 31. Sunu ne duce prenoi in Kale deijpirra & Sunc men tu jafte preroi de reu. & . \\
\hline Bohemian & 32. Y ne uwod nafz do pokuffenii & Ale zbaw nas od 2 & Gefne:us. \\
\hline Impaixa & 33. Newefhi nafs dofpi towana & \multirow[t]{2}{*}{A le wimofhi nas wot flego, Amen. Alye zbaw nafz od zlego.} & \\
\hline Polonian & 34. Nyewodz natz napokul chenye & & G. \\
\hline Lituanitan & 35. Ir newesk mufu ing pagúndynima & \multicolumn{2}{|l|}{Bet giaf bekmus nog pikro, Amen.} \\
\hline Livonian & 36. Ne wedde mums louna badeckle & \multicolumn{2}{|l|}{\multirow[t]{2}{*}{Per paffatza mums nuwuffe loune}} \\
\hline Suffien & 37. Ineuedi nas fpapaft & & No Jzbaue nas ot loocauaho, Ameen. \\
\hline Tartarian & 38. Datcha koima vifu funan acha & \multicolumn{2}{|l|}{Illa garta vifenn gemandam.} \\
\hline Turkith & 39. Hern yedma bizege heneme & De churtule bizy jaramazdan. \({ }^{-}\) & M. \\
\hline Armenian & 40. Eu mitanir zmezi phorxuthai & \multicolumn{2}{|l|}{Ail pharceai zmez izarx. M.} \\
\hline Pesfian & 41. Wodar azmaijh minadâr mara & \multicolumn{2}{|l|}{Leikan halats kon mára az fharir, Amin. M.} \\
\hline Chinith & 42. Tetu' pk ngo cbifí cbi éx in' jeáă caan & \multicolumn{2}{|l|}{Nây kyecia ngó ju' cbin' o. '} \\
\hline Welih & 43. We nae arthain nit beofedgaeth & \multicolumn{2}{|l|}{} \\
\hline Irith & 44. 2igte na trilaic affoch In anau fea & 3icfar dno ole, \(\mathbf{3}_{\text {mien }}\). & M. \\
\hline Eicm & 45. ©ta esgat jala far exaci tentatio= netan & \multicolumn{2}{|l|}{2Baina Delibja gaitzac gateb totic.} \\
\hline Frifian & 46. 3n lied tos nat in berdeaing. & \multicolumn{2}{|l|}{Finfte mebtin tequxd. Ms} \\
\hline Madagarcar & 47. 2 man banau aca mabatetfeanap abin fibetfebetfe ratí & \multicolumn{2}{|l|}{feba banau metezabahandet tabin ba= tatlitan abi.} \\
\hline Peconchi & 48. Pipacoacana cbipan cataccbibi & \multicolumn{2}{|l|}{Coabeçata cbina uncbe rstri, 23men.} \\
\hline New Eugland & 49. Zhque Cagkompaguratnuean en qutchbuaonganit & \multicolumn{2}{|l|}{cate pobquabtoufatican toutcb ma= chitut, \(\mathbf{i m}_{\text {men. }}\)} \\
\hline PhilorLangrage & \(50 . \mathrm{Na}\) mi io velco at ral bedodls : & \multicolumn{2}{|l|}{Nil to cralbo al lal vagafie, Atmen.} \\
\hline & 5 I. And léd ys nat int 8 temptafian & Byt deliver ys fram ívil, & \\
\hline
\end{tabular}

\section*{\(44^{\circ} \quad\) Concerning a Pbillfophical Language. Part IV.}

It would be convenient, that every one of thefe Inftances fhould be Philofophically Lettered, according to the true pronunciation ufed in each Language ; but this being a thing of too great difficulty, I do not attempt it. 'Tis probable that the doing of this, would make moft ftrange Languages feem more harfh and uncouth, than now they do; as appears by that Inftance of the Englifh, this way written, which I have fubjoyned in the laft place, for the more accurate comparing it with the Philofophical Language.

In the comparing of there Languages, it may be granted that fome few words of each Language may feem preferrible to others in this: \(\mathrm{B}_{\mathrm{i}}\), take it altogether, and inthe whole, and it may at leaft ftand in competition with the beft of them, as to its facility and pleafantnefs. 'Tis moft likely, that the generality of Readers will be apt in the coms paring of thefe Inftances, to give the precedence to thofe Languages they are acquainted with. I fhould defire no more from them, but that they would be content to permit this new Language to come in the next place, which would be a fufficient teftimony for it.

But then for the Philofophy of this Language, it hath many great advantages above any other. Every Word being a defcription of the thing fignified by it; Every Letter being fignificant, either as to the Nature of the Thing, or the Grammatical Variations of the Word, which cannot be faid of any of the reft; befides the conftant Analogy obferved in all kind of Derivations and Inflexiows.

\section*{CHAP.}

\author{
CH A P. V.
}

Directions for the more eafie Learning of this Character and Language, together with a briof Table containing the \(\mathrm{Ra}_{\text {a }}\) dicals, loth Integrals and Particles; together with the Character and Language by mbich each of thefe is to be expreft.

IF any Man Chall think it worth his time and pains to learn this Character; the moft facil and natural order to be obferved in this, will be, to begin with the 40 common Heads or Gexus's, which fhould be learnt out of that General Scheme, Part II. Cbap. I. where there is expreffed fome reafon of their order; the underltanding of which will much facilitate the fixing of them in the memory.

Next to thefe, he may proceed to the Differences belonging to each Genus, which though they are in the Character exprefled by that numerical inftitution of Firft, Second, and Third, orc. yet are they to be committed to memory from their real fignifications. So the Firft, Second, and Third differences under the Genus of Beaft, are to be learned and remembred, not as Firf,Second, and Third, ebc. but as Whole-footed, cloven-footed, and clawed,\&xc. (not Rapacious,Rapacious Dog-kind, Rapacious Cat-kind) and Oviparous. Thus when we fee any of the differences belonging to Meafure, we are not to name them by their numerical order of \(1,2,3,4,5,6\), but by the things which they denote, as Meafure of Multitude, Magnitude, Gravity, Valour, Duration, Age. And to this end all the differences are to be learned out of the larger Tables, where there is.fome reafon to be feen for the order of moft of them.

Next to thefe, the feveral species are to be learned, belonging to each Difference, at leaft fo many of them as are like moft frequently to occur in difcourfe. As for the' various kinds of Meteors, stones, Herbs, Shrubs, Trees, Exanguious Animals, Fijbes, Birds, Beafts, and the kinds of Difeafes, though they are to be provided for in the Tables, that they may be written when there fhall be occafion for the mention of them; yet 'tis not ordinarily neceffary to commit them all to memory, becaufe thofe who are moft expert in any Language, may not yet be able to remember all the names of fuch things. But as for fuch species as are fit to be remembred, they are to be learned out of the firft and larger Tables, where they are each of them deferibed and determined, as to their primary fignifications, and fome reafon is attempted of their number and order, the underttanding of which will make them more eafily remembred.

After thefe the Particles are to be learned, which fhould be likewife out of the firlt Tables, where the meaning of them is defcribed and determined.

But for the better helping of the memory in cafes of doubt of LII
for \({ }^{\text {s }}\)

\section*{442 Concerning a Pbilofophical Language. Part IV.}
forgetfulnefs, it may be proper to have recourfe to the Synoplis here adjoined, by which it is eafie at the firft or fecond view to find out the true place of any Integral or Particle, together with the Derivations and Inflexions belonging to the Radicals.
'Tis here to be noted concerning this briefer Scheme or Table, that in feveral of the Genws's pertaining to Subftance, there are only fome few of the firtt Species or Pairs of them mentioned under each difference as inftances; the reft being to be fought for in the larger Table. Thofe that are paired by way of oppofition, are put in a diItinct Character.

The firft Part, and the former half of the recond, do contain a Philofophical Dictionary for all Integral, Radical words: The remaining Part doth contain all the Particles neceffary to Speech, befides a Summary of the whole Grammar, with reference both to the Character and Language; which I conceive to be fo plainly fet down, as not to need any particular explication.

But now becaufe there is no more general inclination amongit perfons of all Ages and Qualities, then that of Gaming, which Men can continue at for a long time with much pleafure, and are leaft apt to be weary of: Therefore the reducing of the Learning of this Charaaer to a Game, may be a feecial help and furtherance to it. In order ta which it were not difficult to fhew, how it might be brought into feveral Games, like to thofe either at Dice or Cards. Of the former of which I had once thought ro have given an inftance, with relation to the Particles, by which it would be eafie to underftand how the like might be done for all the reft: But upon fecond thoughts I do at prefent forbear it.
ormary as cotiveniently be in like manne expreft. And, which is another great incongruity, as to the indiAtindnels of thofe which are thus provided for \(;\) neither are all word Lll 2


1

c
( muchtis another ereat inconty be in like manner ftindnefs of thofe which are thus provided for 3 neither areall words Lll 2




\author{
CHAP. VI.
}

The Appendix, containing a comparifon betwixt this Natural Pbilofopbical Grammar, and that of other inftituted Land guages, particularly the Latin, in refpect of the multitude of unneceffary Rules, and of Anomalifms. Concerning the China Character. The feveral Attempts and Propefals made by others towards a new kind of Cbaracter, and Language. The advantage in refpect of Facility, which this Pbilofophical Language bath above the Latis.

HAving thus briefly laid the Foundations of a Pbilofopbical Gramewar ; I am in the next place to thew the many great advantages both for fignificancy, perfpicuity, brevity, and confequently facility, which a Character or Language founded upon thefe Rules, muft needs have above any other way of communication, now commonly known or ufed. And becaufe the Latin doth in thefe parts of the world fupply the place of a Common Tongue, therefore I hall chiefly infift upon the comparifon with that.
1. As for the firft part of Latin Grammar concerning Orthography, it will be needlefs hereto feeak any thing further to this, having before mentioned the imperfections of that Alphabet; the redindancy of it in fome refpects, and the deficiency of it in others 3 the incongruity of giving feveral powers to the fame Letters, ovc. which particulary are further manifefted by what hath been delivered concerning natural Orthography.

As to the other parts of the Latin Grammar \(\left\{\begin{array}{l}\text { Etymolo. } \\ \text { Symtax. }\end{array}\right.\) thall endeavour to prove that they do exceedingly abound with unneceffary Rules, befides a vaft multitude of Anomalifios and exceptions, which muft needs render it exceedingly perplexed and difficult to: the Learner.
2. In the fecond part concerning Etymology. 1. There is a great imperfection as to the juSt number and trae fenfe of Radical words.
1. In fome refpectstoo many, by reafon of the Symonima's which do very much abound init.
2. In other refpects too fem. There is a common word for the notion of Parent, abftracied from either Sex, Fatber or Mother. And fo for Cbild, Liber. But none for the relation of Brother, sister, Hinfband, and Wife, Uncle, Annt, Nephens, Niece, \&c. And fo for the names of feveral Plants, and Living Creatures of every kind, which no Dictionary doth fiffticiently exprefs. And though the Latimdoth provide for fome of thofe notions expreffed by the Tranfeendental Particles, yet is not their number fufficient, there being feveral others (not provided for) which may as conveniently be in like manner expreft. And, which is another great incongruity, as to the indiAtinatnefs of thofe which are thus provided for \(;\) neither are all words

\section*{444}
of the like notion expreffible by fuch terminations, nor doth the fame termination always exprefs the fame motion.
3. The words of it are exceeding equivocal, fcarce one amongft them which hath not divers fignifications, either abolutely, or in phrafe, or beth wasys \(;\) from which Homonimy, thofe Particles which occur moft frequently in difcourfe are not free, wt, pro, \&c.
2. There are many improper and preternatural Rules concerning Inflexion.
1. As to Nown Subftantives, both in refpect of \(\left\{\begin{array}{l}\text { Geenders, } \\ \text { Cafes, } \\ \text { Declenfions. }\end{array}\right.\)
1. In refpect of Genders, which are needlefly multiplyed, there beingbut two in nature; nothing properly having Gender but what hath Sex. That which is called the Nemter, doth by its very name fignifie that it is no Gender; and befides thefe Genders are irrationally applyod.
1. Things that have wo sex are expreffed by words,
\[
\left\{\begin{array}{l}
\text { Mafculine, Gladims, Arcws, } \\
\text { Foeminine. Vagima. Sagitta. }
\end{array}\right.
\]
2. Thinge that have sex are denoted, I. Sometimes by words of the Newter: Gender, scortume Amafimm, 8c. 2. Thofe words whofe fignifications are commón to Male and Female, are fometimes rendred only in the Mafculime Gender, as Fur, Latro, Homicida, \&f. and fomotimes only in'the Feminime, as Proles, saboles, 8 kc . and fometimes only in the Newter, as Amimal, Mancipinm, \&cc. 3. Many words which Ggnifie the fame thing, and are Synonimous, are yet ufed in feveral Appetitus,
Genders \(\left\{\begin{array}{l}\text { Apiditas, } \\ \text { Didit }\end{array}\right.\) Sermo, \(\{\) Domus, \(\{\) Crinis, \(\{\) Gapillus, Defiderimm. Oratio. 2 Domiciliums. 2 Gomas. \(\{\) Cajaries, \&se. He that would fee more of this kind, may coqfult Nowisu Marcellws, de indifcretis genemibus: Where he reckons up abundance of words, which according to Ancient Authors, were ufed both in the Mafculine, Framimine, and Neuter Gender.
2. In refpect of Cafes, which are not fo conveniently expreft by varying Nouns with Terminations, which is the Latin way as by placing them in the natural order of Conftruction and Affixing Prepolitions to them (as was faid before.)
3. In refpect of Declenfions, of which the Latin hath five, which add no frall difficuley and trouble to the learning of that Language: Now if the expreffion of Cafes by varying the Termination be unneceffary and inconvenient, thefe are much more fo; becaufe they are but feveral ways of varying fuch Cafes.
2. As to Noun Adjedives, neither Number, nor Gender, nor Cafo, nor Declenfion do naturally pertain to them; but they are fufficiently qualifyed in all thofe refpects by the subftantives to which they belong: As for their inflexion by degrees of comparifon, which is proper to them; 'tis not fo natural that thefe thould be expreffed is the Tenmimatione of the words, as by Auxiliary Particles. The Adverbs of morc, and moff, leff, and leaff, being upon other accounts neceffary, and fufficient to exprefs this notion in AdjeEtives, therefore the other way mult needs befuperfluous. Which is likewife appli-

\section*{Chap. VI. Concerninga PTbilofophical Languagr.}
cable unto the comparifon of Participles, and derived Adverbs.
3. As to Verbe, there are very many onneceffary Rules concerning
their \(\left\{\begin{array}{l}\text { Kinds, } \\ \text { Inflexiem, }\end{array}\right.\) in rerpect of \(\left\{\begin{array}{l}\text { Conjugations, } \\ \text { Number, }\end{array}\right.\)

Number,
Perfons and Tenfe ins the Termination, Modes, Gerunds, supines.
1. For their Kinds; 'tis not according to the Philofophy of fpeech to diftinguifh Verbs into Altive, Pafive, Neuter, Deponent, and Common, or into Perfonal, and Imperfonal.
1. Thofe forts of Verbs which they call Adtive, Paffree, Neuter, and which are properly to be expreffed by the Verb Sum, and the Adjeaive \(\left\{\begin{array}{l}\text { AEFive, } \\ \text { Paffive, } \\ \text { Neuter, }\end{array}\right\}\) are all the diftinct kinds of Verbs.
2. As for thofe that are ftiled Deponents and Common, they are acknowledged to be but irregularities and kinds of exceptions from the common rule of Verbs.
3. All Verbs are vaturally capable of Perfons, though in fome Verbs saliger de the Latin doth not admit this, "Tis proper to fay, I ought, I am carfis L. L. alhamed, ©oc. as well as Oportet, Pudet.
2. As to the inflexion of Verbs.
I. The feveral Conjugations, of which there are four in Latin, are fuch a preternatural incumbrance, as Declenfiams are in Nouns; being but feveral ways of varying thofe Terminations or Cafes of the Verb, which in themfelves are needlefg and troublefome.
2. Number doth not naturally belong to Verbs, but only quia Ver- lbid.cap.isiz bum ì nomine dependet, as Scaliger fpeaks; upon which account it might as well have Gender too, as it is in the Hebrew, Syriack, cbaldee, Arabick, 死thiopick, which yet we mopount very fuperfluous and impraper.
3. The expreffion of the Perfows and I'enfes by the Terminations of the words, is both unneceffary and improper, becaufe there is in other refpects a neceffity of uling thofe Prononns by which thefe Pexfous are expreffed. And: fuppofing that a man muft therefore learn
 Girenmatical Rules, if the Verbs themfelves might remain invariable. The fame may likewife be faid of Tenfes, which may properly be expreffed by auxiliary Particles.)
3. For Modes, (eo fay nothing of the diftribution of them, which. is.quite irrational) the expreffion of the Optative and Subjective is mpfe naturally made out by Auxiliary Particles. That which is called the Infinitive Made, Chould aecording to the true Analggy of that fpeech be ftiled a Partiaiple subfiantivie.

There hath been formerly much difpute amongft fome Learned Mon, whether the notion called the Infinitive Moode, ought to be reduced according to the Philofophy of fpeech. Some would have it to be the prime and principal Verb, as fignifying more directly the notion of \(A\) Etion; and then the other varieties of the Verb, fhould be but the Inflexions of this. Others quefton whether the Infiwitive

\section*{446 \\ Dreaufis L. 1 Cap. 117.}

Concerning a Pbilojophical Language.
Part IV.
Mode be a Verb or no, becaufe in the Greek it receives Articles as a

De Amalogia lib. 3. cap. 8. a Verb; becaufe it fignifies with Time,but will not allow it to be a Modes; becaufe it is without Perfon or Number. To which \(V\) offrus addss that though it be not Modus ad \(w\), yet it is Modus is potentia, becaufe it is refolveable into other Modes. e.g. Letor me venife, (i.) quad vemerim. And fo are other Modes refolveable into this, Eft miferorme wf
Plaut. Capt. malevolentes fint \& invideant, (i.) malè velle ơ invidere bonis.

All which difficulties will he moft clearly ftated by afferting.it to be a Subfantive Participle. For which this reafoa is to be given ; becaufe it hath all the figns both of a Noun Subftantive and a Verb.

The Properties or Criteria whereby a Subftantive is to be known are thefe four;
1. That it is capable of the Articles \(A\), or The, to be prefixed before it, which is ordinary in the Greek for the Infinitive Mode, and doth well enough agree to the natural notion of it in other Languages.
2. 'Tis capable of that kind of Obliquity by prefixing Prepofitions, which is commonly ftiled variation by Cafes. The Gerwends in di, do, \(d x w\), being in the true notion of them, but the Cafes of that which we call the Infinitive Mode.
3. It may be joined in conftruction with Adjectives or Pronomes Poffefive.
4. 'Tis capable of Number in the natural notion of it, though it be not foufed in Languages; the words ACtiones and Lectiones, being but the Plural number of Agere, Legere.

The figns or Properties whereby a Verb may be known, are thefe three;
1. In our Englifhtongue the Particle (T0) may be prefixed before it.
2. It fignifies with time.
3. It hath two voices, ACtive and Paflive.

And therefore being both a Subftantive, and a Verb, it fhould according to the Theory of the Latin be Atiled a Participle Subftantive. To which may be added, that it is in the true notion of it, frequently refolveable into a Noun Subftantive, as in thefe Inftances. Virtus oft vitinen fugere, ( \(i_{4}\) ) Fuga vitici eft virtus. Magis paratus fervire quam imeperare. (i.) Servituti quam imperio. Dignus Amari. (i.) Amore.

As for the Imperative Mode, that is in this refpeit defective, becaufe it makes no diftinct Provifion for thore different notions to be expreffed by it, viz. Petition, Perfopafion, Command.
Voffus de A.- 5. Gerunds and Supines are unneceffary inflexions of Verbs, the nalog. Lib. 3. notion of them being expreffible by the Infivitive Mode, whofe Cafes cap.g. and II. they are. Venio Speitatum (i.) Spectare. Turpe dictu (i.) dici. Gafar venit ad oppugnandum urben (i.) oppugnare. And fometimes by a Noun that fignifies Action. Defeffus ambulando (i.) ambulatione.
De Lingua I caninot here omit the mentioning of what Varro hath obferved, Latina, Lib. s. that the inflexions of a Verb through its reveral voices of ACIive, Palfive, together with Modes, Tenfes, \&c. amount to about five bwndred feveral Cafes of inflexion. Now there being four diftinct ways of conjugating Verbs, thefe variations may upon that account be reckoned to be two thoufand, the learning of which (though all

\section*{Chap. VI. Concerning a Thilofophical Language.}

Verbs were regular) would be no fmall labour and difficulty. But then confider the valt multitude of \(A\) momatifisis and exceptions in the inflexions of Verbs, and that will more than double this difficulty and labour.
2. As to the derivation of Latin words; whereas the Radix fhould according to Pbilofophy be only a Nown Subfazutiue, 'tis here fometimes a Verb, a Participle, an Adverb, a Prepofition, which is unnatural and improper/ And then befides, there is no cerraia Analogy amongft thefe; à Scribo, Scriptor; but they do not fay, à Bibo, Biptor, but Bibnx, \&c.
3. The Rules of Compofition are not fixed to any certain Amalogy. 'Tis Enobarbus, not Fnibarbus, and yet they fay, Magniloquus, not Magwoloquus. The fame Prepofitions, when in Compofition, do fometimes encreafe and augment the force of the word,
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as in IInfractus, Incavus, Incurvus.
per Perfidelis, Perfruer.
de \{ Deameo, Demiror.
ex Exclamo, Exaggero.
dis Difcupio.

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Again, the fame Prepofitions do fometimes in Compofition import a denial or privation of the fenfe of the word.


So the Particle \(\boldsymbol{r e}\) doth in Compofition fometimes fignifie repetition, as retego and fometimes privation, as revelo, than which nothing can be more irrational and incongruous.

\section*{Unneceßary Rules in the Latin Syntax.}

That is called fgurative and irregular Syatax, which cuftomary ufe, and not any natural propriety doth make fignificative; wherein there are fome words always either redundent, or deficient, or tranfoofod, or changed, from their proper notion. Thefe Pbrafeologies are to be accounted an imperfection of Language, and one degree added to the curfe of the confufion ; becaufe they do exceedingly encreafe the difficulty of Learniag Tongues, and do not adde to the brevity or perficuity of exprefion, but rather cumber and darken it with ambiguities.

The regular syntax of the Latin doth confit in \(\left\{\begin{array}{l}\text { Concord, } \\ \text { Reginen. }\end{array}\right.\)
1. Concord is the agreement of feveral words in fome accidents and circumftances ; as betwixt, 1. SubSFantives and Adjectives. 2. Two Subfantives. 3. Subfiantives and Verbs. 4 Antecedent and Relative. Concerning which there are fo many dificult perplexed Rules, as are enough
enough totire out and difcourage any young Learner, moft of them being founded upon fuch principles as are not natural to the Philofophy of feeech.
3. The Regimen of words doth concern their government of others in refpect of \(\left\{\begin{array}{l}\text { Cafe, } \\ \text { Mode. }\end{array}\right.\)
1. There are a great multitude of Rules that concern Subftanstives, Adjectives, Pronoums, in reference to their governing of the Genitive, Dative, Accufative, Ablative Cafe.
2. So for Verbs, that fome of them muft govern the Nominative, others the Genitive, others the Dative, others the Accufative, and others the Ablative Cafe; fome promilcuoully both \(\left\{\begin{array}{l}\text { Gewitive, } \\ \text { Accufative, }\end{array}\right.\) \{Genitive, \(\left\{\begin{array}{l}\text { Accufative, } \\ \text { Befides the feveral Rules concerning thofe }\end{array}\right.\) \(\{\) Ablative, \(\{\) Ablative. divers Cafes which may precede the Infinitive Mode; fome words requining a Nominative, others a Dative, others an Accufative. To which may be added thofe various Rules about Gerunds, Supines, Participles, in reference to the feveral Cafes, Genitive, Accufative, Ablative, governed by them.
3. There are feveral Rules that concern the Regimen of Adverbs, both asto \(\left\{\begin{array}{l}\text { Cafes, Nomin. Gen. Dat. Accuf. Ablat. }\end{array}\right.\)
4. Other Rules refer to the Regimen of Prepofitions, fome of which govern the Accufative, others the Ablative Cafe, and fome boch.
5. Other Rules refer to the Regimen of Conjunctions, both as to Cajes and ALodes.
6. Others to Interjections, divers of which are faid togovern the Nominative, Dative, Accufative, Vocative Cafe.

Befide thefe for Syntax, there is a great multitude of Rules in the Latin Profodia, about the Accenting and quantity of words: whereof fome are General, referring to the nature of Letters and Syllables; others more particular, concerning the firft or middle Syllables in any word, amongft which there is no certain and conftant Analogy: They fay, Hed \(\begin{gathered}\text { rem, } \& \text { Pretōrem. }\end{gathered}\)

It cannot be denyed but that all thefe Rules are neceffary to the Latin Tongue; but this argues the imperfection of that Language, that it fhould ftand in need of fuch and fo many Rules as have no foundation in the Pbilofophy of \(\int\) peech. I am not ignorant that our Learned De Augment. Verulam, fpeaking concerning the inflexions afed in the more Ancient cap. 1.
cient.
Languages by Cafes, Modes, Tenfes; © \(c\). in which the modern Languages are very fparing, fupplying them by auxiliary particles; from thence infers, ingenia priorum feculorum noStris fuife multo acutiora \& fubtiliora. But with reverence to the judgment of that incomparable Man, though it mult be granted, that the Language being fo, there was great wit in reducing the inflexions of words to fuch Rules of Art; yet if thefe Rules be not neceffary to Language, and according to nature, but that words may fignifie fufficiently and in fome refpects better without them, then there is greater judgment fhewed in laying them afide, or framing a Language without them.

If all thefe Rules were general and conftant, yet the multitude and variety

\section*{Chap. VI. Concerning.a Pbilofophical Language. 449}
variety of them would adde much difficulty to the Latin: But now the exceptions and Anomalifms to thefe Rules are fo very numerous, that there is much more pains required for the remembring of them, than of the Rules themfelves; infomuch that many eminent Grammarians have written againft Analogy, both in Greek and Latin.

I thall offer a very bricf view of them.
As to the inflexions of Nouns in refpect,
1. Of Number; there are abundance of Subftantives, whofe fence and fignification is naturally capable of both Numbers; fome of which norfus de Awant a fingular, others a plural number. Cap. 39. ad
2. In refpect of Gender; the Rules to difcover the Genders of Cap. 44. words by their Terminations, are not without multitude of exceptions. There are divers words that are of one Gender in the fingular, and another in the plural number. Tartarus, Tartara. Locus, Loci, © Loca. Carbafus, Carbafa. Supellex, shpellectilia. Calum, Cali. Epulum, Epula, \&c.
3. In refpect of Cafes; fome words abound in Cifes. Avaritio, Avarities. Araneus, Aranea. Antidotus, Antidotum, \&c. Others have no Cafes, and are ftiled Aclita, or Aptota; as Sinapi, Pondo, Nequam, Cornk, 2uatuor, 2uinq; Sex, Septem, Octo, Novem, Decem, Viginti, Triginta, \&c. Centum, Mille, \&c. Others called Monoptota, have but one oblique Cafe, which in Come is the Genitive, as Hujufmodi, Ejufunodi; in others an Accufative, as Inficias; in others.the Ablative, Anffurs de Promptu, \(7 u \int u, I_{n j u} \int u, \& c\). Other Nouns have but two Cafes, and cap. 47. 48.
 And there are divers others that are Triptota, Tetraptota, Pentaptota. put.
4. In refpect of Declenfions; the Terminations of the Cafes both in the fingular and plural number in divers Declenfions are not without many exceptions, as Musfis, Filiabus, \&c. Some words are of feveral Declenfions, as Pafcha, Pafcha, Pafchatis.
2. As to the inflexions of Adjectives by the degrees of comparifon; there are many words which fignifie quality, and are naturally capable of increaje, and decreafe, and confequently of this inflexion, which rid. Lib. 2. are yet exempted from it: So Cicur; Opimus, Clandus, Egenus, Al-Cap.22. mus, \&c.

Some want only a Pofitive, as Prior Primus, Ulterior Ultimus : Others a Comparative, as Novus Novifimus, Falfus Falfyfivess, Pins Piiffimus. Others a Superlative, as Juvenis Junior, Senex, Senior, \&c. . Befides that thofe which are inflected through all degrees, have feveral irregularities in the manner of it; similis Simillimus, not Similidzimus. Bomus, Malus, Magnus, Parexs.
3. As to the inflexion of Verbs ; many Verbs of the AEZive voice tbid. Cap.3. s. are fometimes ufed in a Paffive fignification, and feveral others of the Paffive voice ufed ACtively. The exceptions about the Conjugations \({ }_{\text {Ibid. a cap. }}\) of Verbs, efpecially thofe referring to the prater tenfe and fupines, are 19,ad cip.47. fo exceeding numerous, that it is not eafie to recite them:-Some are wholly without them, others have them without any Analogy; as Fleo Flevi, Sero Sevi, Féro Twli, Ubi à Diffimilibus Simeilia, à Simsilibus DiJimilia.

\section*{450 Conserning aPhilofophical Language. Part IV.}

Sometimes divers Verbs have the fame Preter tenfe, as
\(\left.\begin{array}{l}\text { Crefco, } \\ \text { Cerno, }\end{array}\right\}\) Crevi, \(\left.\begin{array}{l}\text { Luceo, } \\ \text { Lugeo, }\end{array}\right\}\) Luxi. \(\left.\begin{array}{l}\text { Fulgeo, } \\ \text { Fulceo, }\end{array}\right\}\) Fulfg, \& c.
And fo for Supines,
\(\left.\begin{array}{l}\text { Crefor, } \\ \text { Cermo },\end{array}\right\}\) Cretum. \(\left.\begin{array}{l}\text { Pando, } \\ \text { Patior, }\end{array}\right\}\) Paffum. \(\left.\begin{array}{l}\text { Vinco, } \\ \text { Vivo, }\end{array}\right\}\) Viđtum, \&c. Some Verbs are of feveral conjugations,aggero ris, \({ }^{\text {ras },}\) ? Dice \(\left.\begin{array}{l}\text { Dicas, } \\ \text { Dicis, }\end{array}\right\}\) \&c.
Some are of none of the four conjugations; as Sum, Volo, Fio, EO, \& c. Others are defective in refpect of Modes and Tenfes; as Aio, Ave, Dari, Fari, Forcm, \&c.

Thofe particular Terminations which fignifie a Verb to be Incboative, Frequentative, Diminutive, are not without many exceptions.

As for the feveral Anomalifths in Syntax, referring either to Concord or Regimen; they are fo exceeding numerous, that it would be too tedious to recite them : And they may be feen in every Grammar.

Adde to thefe the feveral exceptions in the Rules of Profodia, about the right accenting and quantity of words.

And fram all thefe particulars put together, it is fufficiently evident that there may be very many and great advantages in a Philofophical Language, above that of the Latin Tongue; elpecially in thefe two refpects, that this hath \(\left\{\begin{array}{l}\text { no unneceßary Rules, } \\ \text { no Exceptions. }\end{array}\right.\)

As for the Chima Character and Language fo much talked of in the world, if it be rightly reprefented by thofe that have lived in that Country, and pretend to underftand the Language, there are many confiderable fautes in it, which make it come far fhort of the advantages which may be in fuch a Philofophical Language as is here defigned.

Trigaltius Hift Sinenfis, Lib. I. Cap. Semedo Hios of China, Part 1. Cap.s.
1. The sultitude of Characters and Words, of which there are about 80000. others Gay 120000. and of thefe a man mult have in readine\{s abouk eight or ten thoufand before be is to be counted one that can write the Cbaracter, or judged fit to exprefs his mind by it.
2. Thefe Gharacters are ftrangely complicated and difficute as to the Figune of thew, as may fufficiently appear by the following inftance of the Lords Prayer is thia Character: The Manufeript of which, together with a Cateatifm is the cbina Chara\&ier and Language, was communicated to me by that Iagenious, and Inquifitive Perfona Mar. Leqdoxaick; in which there was both the Creediand Ten Commandments, with fevanal Quedions and! Anfwers about the Primciples of Chriftian Religion: The Language beiag writ on one fide of the Character in our common. Letterasand averenbal Tpanflation in Latin on the othar fide. Idid purpofe out of this to have inferted the Londs Prayer as, it was in that Copy; in onder to which If procured a Cut to.be made of the. Cbaracter : bust this Manucript being deftroyed in the late. Fire, and:not knowing whene to pnocurea fupply of it, I am neceflitatedito: offer the Chanaders. without othe Verbar Ioterpretations of them. Their way of reading is known to be from thecoporr the right fide downwards.

Chap. VI. Concerning a Philofophical Language. 451


Befides the difficulty and perplexednefs of thefe Characters, there doth not feem to be any kind of Analogy (fo far as I am able to judge) betwixt the Thape of the Characters, and the things reprefented by them, as to the Affinity or Oppofition betwixt them, nor any tolerable provifion for neceflary derivations.
3. To

\section*{\(45^{2}\) Concerning a Pbilofophical Language. Part IV.}

Theoph. Spizelius de Re litèrariaSinen zelius de Re every word hating divers fignifications, fome of them no lefs than finm, lately twenty or thirty feveral fences; upon which account Alvaress seme-
Publinhed Publifed \({ }_{166 \text {. Sed. 6. doaffirms it to }}\) do be dificult than any other Language in the Hiftor. Chinis World.
Part 2. Cap.2. 4. The difficulty of promouncing it, every Syllable (as this of Ko) hath no lefs than ten feveral ways of pronunciation, as faith o Author; and it hath more than thirty feveral fignifications in the Author; and it hath more than thirty feveral fignifications in the
Anamitifh Language, as Alexander Rhodes oblerves in his Dictionary. Such various Accents they are neceffitated to make ufe of, as other
Lingua ana- people cannot imitate. The Syllable \(B a_{\text {, }}\) according to its various mitica, cap.2. Accents, hath fix feveral fences, of no kind of affinity or nearnels to one another. And the moft expert Men among themfelves are not able fo exactly to diftinguifh in pronunciation, without ufing feveral attempts and repetitions to explain what they mean; or fometime
by making the Figure of the Character they would exprefs with their attempts and repetitions to explain what they mean; or fometime
by making the Figure of the Character they would exprefs with their Fingers in the Air, or upon a Wall, or Table.
Hiff. Part 1.
5. Though in fome particulars they feem to found their Character Cap. 6.
3. To this may be added the great 压quivocalnefs of the Language, upon the Pbilofopby of things, yet tis not fo in others. The Character put for a precious Stone (faith semedo) muft be ufed with additions to it for feveral kinds of Gems, as Pearls, \&c. So the Character for any kind of Tree, mult have joined to it, the Charatter for Wood; and the letter that fignifies Metals, muft be annexed to the Character of Irom, Copper, steel, \&c. The meeting with which paf. fage, was no fmall fatisfaction to me, in reference to that way which I had before pitched upon for the moft natural expreffion of things. But this (faith he) is no conftant Rule amongt them. It Thould feem to be oblerved only in fome few Species of nature which are moft obvious, there being reafon to doubt whether they had any fuch general Theory of Philofophy, as might ferve for all other things and notions.

In this it isto beacknowledged that they have a great advantage above the Latin, becaufe their words are not declined by Termibations, but by Particles, which makes their Grammar much more eafie than that of the Latin.

To this I might adde fomething conceraing the advantage of this Philofophical way, above thofe attempts towards a Univerfat Character which have been made by others. That of Marks or Letters by Cicero; that of numbers by an Ingenious Country-man of our own, followed fince by Beckerus, and by Athanafius Kircher; together with that other attempt towards an Univerfal Lacgaage, by Philip Labbé. All which arein this one refpect defective, becaule they are not Philolophical; upon which acoopnt they are much mare difficult, and lefs diftinct.

Thefe things being premifed concerning the many meedlefs Rules, and great variety of exceptions in the Latin; it will not be very difficult to make a comparifon betwixt that, and the Character and . Language here propofed.

For the right eftimating of the difficulty which there is in the Learning of any Languages thefe two things are to be enquired into.
1. The

\section*{Chap. VI. Concerning a Pbilofopbical Language.}
1. The multitude of mords. And 2. The Grammatical Rules belonging to fuch a Language.
1. As to the firt of thefe, Hermannms Fingo afferts that no Language \(D e\) origine hath fo few as 100000 words; and Varro is frequently quoted by di- Scribendi, vers Learned Men, as if he affirmed that there are in the Latim nolefs \({ }_{\mathrm{Bp}}\) Walton, than five hwodred thoufard. But upon enquiry into the fcope of Davies. that place they relate to, it will appeas that he doth not there de- Boxhomius. fign to give an account of the juft number of words in the Latim, but only to thew the great variety which is made by the Inflexion and Compofition of Verbs : To which purpofe the firt thing he lays down is, That there are about one thoufand Radical Verbs in the Latin. And then Secondly, That every Verb in the Declenfions of it, hath about five hundred feveral varietics or Cafes of Inflexion, which make up the number of five hundred thoufand. And then Thirdly, He fuppofeth each of thefe to be compounded with nine Prepofitions,
 \(c e \iint t\), Succel \(\int 2 t\), Decel \(\int z t\), Conce \(\iint t\), Proce \(\int \sqrt{2} t\); this will raife the whole number to five millions : in which account he reckons only the Cafes and Compofitions of Verbs, and takes no notice of the Particles of fpeech, nor fuch other words as are not radically Verbs, which are very numerous.

Of all other Languages, the Greek is looked upon to be one of the moft copious; the Radixes of which are efteemed to be about 3244. But then it doth exceedingly abound in compofition, in which the Latiz Tongue being more fparing, muft therefore upon that account have more Radicals. What the particular number of thefe may be, is not eafie to determine; becaufe Learned Men do not agree about many of them, whether they are Radicals, or Derivatives. They may be by moderate computation eftimated to be about tes thoufand, moft of which are either abfolutely, or in phrafe, or both ways equivecal. Notavi ex Varrone, Nounio \&r Fefto, non extare vocabulum apmd Latinos quod plures fignificationes non babet, faith Campasella. Many of them have no lefs than twenty diftinct figni- grammat. fications, and fome more. Now for every feveral fenfe, we may philofoph. juftly reckon fo many feveral words, which will much augment the Lib. s. Cap. it former number. But fuppofe them only to treble it, and then the Lative words are to be reckoned thirty thoufand.
2. Now for the Latin Grammar, it doth in the common way of Teaching take up feveral of our firft years, not without great toyl and vexation of the mind, under the hard tyranny of the School, before we arrive to a tolerable skill in it. And this is chiefly occafioned from that great multitude of fuch Rules as are not neceffary to the Philofophy of fpeech, together with the Anowa-: lifres and exceptions that belong to them; the difficulty of which may well be computed equal to the pains of Learning one third part of the words; according to which the labour required to the attaining of the Latim, may be eftimated equal to the pains of Learning forty thoufand words.

Now in the way here propofed, the words neceffary for communication are not three thoufand, and thofe fo ordered by the help of natural method, that they may be more eafily learned and remem-

\section*{454 \\ Concerning a Philofophical Language.}
bred than a thoufand words otherwife difpofed of; upon which account they may be reckoned but as one thoufand. And as for fuch Rules as are natural to Grammar, they were not charged in the former account, and therefore are not to be allowed for here.

So that by this it appears, that in point of eafinefs betwixt this and the Latin, there is the proportion of one to forty \(;\) that is, a man of an ordinary capacity may more eafily learn to exprefs himfelf this way in one Month, than he can by the Latin in forty Months.

This I take to be a kind of Demon(tration ¿ Priori; and for an Argument à Pofteriori, namely, from Experiment. Though I have not as yet had opportunity of making any tryals,yet I doubt not, but that one of a good Capacity and Memory, may in one Months fpace attain to a good readinefs of expreffing his mind this way, either in the Cbaralier or Langnage.
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FINIS.

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\section*{A N \\ ADVERTISEMENT \\ TOTHE \\ READER.}
- Or the better underflanding of the References in the following - Dictionary, the Reader is defired to take notice, that the Abbreviations therein ufed, are thus to be explained;


\section*{To the Reader.}
\begin{tabular}{llll} 
Pr. & Provifions & (fegr. & fegregate \\
Pre. & Prepofition & Sh. & Shrub \\
Pro. & Pronoun & Sp. & \begin{tabular}{l} 
Space \\
fpecially
\end{tabular} \\
Q. & Quality fenfible & St. & Stone \\
& & & \\
RC. & Relation Civil & T. or & TG. Tranfcend. General \\
RE. & Relation Ecclefiaftical & TA. & Tranfcendental Action \\
RJ. & Relation Judicial & TM. & Tranfcendental Mixed \\
RM. & Relation Military & Tr. & Tree \\
RN. & Relation Naval & & \\
RO. & Relation Oeconomical & V. & verb \\
S. & Sicknefs & W. & World
\end{tabular}

The Literal Figures, as I, II, V, ©c. denote the order of the Differences under each Genus; and the other Figures, the order of the the Species under each Difference. So the word sheep in the Ditionary is marked Be. II. 2. The meaning of which is, That the thing fignified by that word is defcribed in the Philofophical Tables under the Genus of BEAST, the fecond difference, and the fecond Species. And Goat is Be. H. 2. A. (i.e.) 'tis joyned as an Affinis to the fame Species.

The Defign of the Philofophical Tables is to enumerate and defcribe all kinds of Tbings and Notions: And the Defign of this Dictionary, is to reckon up and explain all kinds of woords, or mames of things.

And that the Reader may the better underftand the ufefulnefs of having all words fet down according to their different Acceptions, and by what kind of Analogy they come to be ufed in fuch various fences (which is one of the particular advantages of this Dictionary) I hall here felect out of it one particular Inftance, for each of thefe feveral kinds of words, viz. a Subftantive, an Adjective, a Verb, a Particle ; by which it will be eafie to underftand any of the reft.

So the word CORRUPTION, according to that Notion of it which is
[Primary and proper, doth denote the Being, or Making of a thing, evil, or moorfe, whether by
(Admixtion with that which is bad, and thenit is of the fame
\(\left\{\begin{array}{l}\text { importance with the word Defiling. }\end{array}\right.\)
Privation, as to a thing
\(\{\) Being, to corruption is deftroying.
\(\left\{U_{j e f u l n e f s, ~ f o ~ c o r r u p t i o n ~ i s ~ j p o i l i n g . ~}^{\text {and }}\right.\)
secondary, as applied to things
SNatural, fo Corruption will denote according to the Degree \{ of it, either Infedion, or Decay, or Putrefaction.
(Moral, whether more
(General, fo it denotes the Evilnefs of the mind or manners, Unbolinefs, Vicionsnefs.
(special, fo'tis peculiarly applied to Uncbaftity and Bribery.

\section*{To the Reader.}

So the word CLEAR, may fignifie either
Entire of it felf; fo clearly is wholly.
Net mingled with others; fo Clear is Simple.
Specially not with worfe; fo Clear is Pure.
Being free from impediments, or not being hindered from
Being, doing, or receiving, which !notion of Clear may be often expreft by the Tranfcendental mark of PerfeCtive. There may be Inftances of it given in every Genus; as particularly,
[Quality, whether
[Natural Power, fo a clear fight or underftanding is a good f. or \(u\). It is applied to the
s Mind, as a clear Wit, or Spirit .
Body, fo we fay one is clear of ficknefs or pain, has a clear skin, Ớc.
Habit, as a clear Reputation, that is a good R.
Sp. Sagacity and Sincerity are thus called Clearnefs.
Manners,as Clear Dealing,that is Candor or Franknefs.
senfible 2xality.
SVifible, as clear weather, or sky or water, ơc.
\{ Audible, as clear found.
sicknefs, as clear of any difeafe (i.e.) not Infected, or not Difeafed.

\section*{Relation.}
§Civil, as a Clear Eftate.
Judicial, as Clear of any Crime.
Military, as Clear Coaft.
EEcclefaftic, as Clear of any Cenfure.
Being Done, fo Clear is Eafie, or not difficult; Being Knownn, fo Clear is Plain or manifeft; Being conse to, or Paffed through, fo Clear is Acceffible, or Paßable, or Earpty.

So the word DELIVER, according to its primary fence, is the motion (Met.) or the paffing of a thing, or of the Poffeffion jof it, or of the Power over it, from one to another. It is commonly ufed in relas tion either to the
[sibbjeCt, or thing deliver'd, whether
Sthings; fo Deliver may fignifie Depofiting, Pajing, Refigning,
¿Words, as to the
Matter, whether concerning ; Fact, fo Delivering is Narration
Dodrine, fo Delivering is Teaching
\&Manner, whether
\{Immediately by
\{ Mouth, fo to deliver, is to Speak.
\(\{\) Pen, fo to deliver, is to worite
\{Mediately, fo Delivering is Tradition
Terms' of this motion, either from a

\section*{Totbe Reader.}

Better condition to a worfe, being ufed
\(\{\) Pafively, fo Delivering is Derelidion
\{Aatively, whether
\(\left\{\begin{array}{l}\text { Involuntary, fo Delivering is yielding }\end{array}\right.\)
\{Voluntary, fo Delivering is Betrajing
Worfe condition toa better.
Temporal, whether by way of
s Prevention, fo Delivering is Preferving, or Caying to efcpe.
( Remedy, from
Captivity, fo to deliver, is to Vncaptivate.
Bondage, fo todeliver, is to vnfave.
Prijon, fo to deliver, is to Vnimprijon.
QDanger of child-birth, fo to deliver, is the
Active of Parturition.
Eternal, fo delivering is Redemption.
Sothe Particle BY, is fometimes ufed in the fence of an
Integral, fignifying the notion of Digreffion or Acceffory, as on gatives, as not principl, no
gat and nary; as a By-way : And fometinent, not public, not ordicommon fpeech implying fomething of contempt, as a mord.
Prepofition
[CauSal,
\(\left\{\begin{array}{l}\text { Efficient, by fuch an Autbor. }\end{array}\right.\)
\(\left\{\begin{array}{l}\text { Inftrumental, slain by the fword. } \\ \text { Find }\end{array}\right.\)
Local or Temporal, being fometimes ufed in that fa me fence with thofe other Prepofitions.
fBefore, as, By God, (i.) betore God.
At, as, Come by, (i.) obtain, or come at.
\(\{\mathrm{Im}, \mathrm{as}\), by day, (i.) in the day time.
Through, as, by fuch \(a\) ftreet, (i.) through fuch a ftreet.
LBefides, as, by the mark, (i.) befides.
(Adverbs denoting the Circumftance of Nearnefs, whether
\{ Local. So By, or hard by, is near fuch a Place.
\{temporal. So By and by, is nearnefs in Time, fignifying future (dim.)

To the Reader.
Befides thofe Phrafeologies wherein the Particle is ufed to fignifie the Masmer of things, as, By the By, By the Great, By Retail, By it felf, \&c. Which Phrafes are to be expreffed by the Adverbs Neuter of Digre/fion, Aggregate, Segregate, Solitary, \&c. So thofe Forms of Speech, By courre, By the day, or day by day, By degrees, By turns, Howfe by Honfe, Year by Tear, \&c. are to be expreffed by the Adverbs of Cowrfe, Day, Degree, Twrn, Howe, Tear, with the Tranfcendental Note ofSegregate.



\section*{The Alphabetical Dictionary．}
\begin{tabular}{|c|c|c|}
\hline A B & A B & A C \\
\hline Abandon．T A．II．2．O． Abafe． & \begin{tabular}{l}
［v．Hate］AS．V．3．O．（aug．） \\
［Averfation］AS．V．s． 0.
\end{tabular} & \begin{tabular}{l}
Accent，D．I：9． \\
Accept，TA．IV．4．A． Acceptable．
\end{tabular} \\
\hline \begin{tabular}{l}
a．Lownefs，］T M．II．4．O． \\
a．Mearnefs，Ha．II．5．O．
\end{tabular} & \begin{tabular}{l}
(aug.) \\
oord［into，or in Ship．］
\end{tabular} & Acerabl． \\
\hline 位 & bortion， & \\
\hline Shame．］AS．VI．2．A． & Above Prep． & Acception of a word． \\
\hline \begin{tabular}{l}
Abate \\
［a．Litte］TM．I，i．D．
\end{tabular} & ［adv．Upper］Sp．II．g． & meaning］D．II．A． \\
\hline a．Diminution，J TM．I． & Abound，v．TM．I．2．E． & ． \\
\hline a．Remiffion，\({ }^{\text {TM I I I }}\) 8．D． & ［v．Redundance，TM．I．3．E． & power \\
\hline 「a．Subduction，\(]\) TM．YI． \(7 \cdot\) & About，as round－Prep．III．3．0． & \\
\hline Abbat，［Abby＇s（Officer． & ［more or lers］Ad & －opportunity \(\mathbf{p}\) \\
\hline Abbie，［Colledge of Monks．］ & ［concerning］Prep．I．3．O． & Acceflar，TM．IV．4．0． \\
\hline Abbreviate，［a．Brevity，］TM．II． & Abroad，［out of］Prep．IV． 2. ［without \({ }^{\text {P Prep．IV．2．O．}}\) & \\
\hline & in pub & adj． \\
\hline Abbridge，［a．Abbrevia & gate［ & \\
\hline bdicate，TA．I．3．O． & Abrupt． & ［adj．Fortune］AS． \\
\hline Abecedarian，［Learner of ele－ ments，D．I． & ［confufed］TM．V．2．O． sp．ended 2 confured－ & \begin{tabular}{l}
（ching） \\
fp．Event．TA．
\end{tabular} \\
\hline bed，「in bed，］brought，［adj． pret．parturition．］ & \[
\begin{aligned}
& \text { difconkinued } \\
& \text { Abfence, Sp. II. 1. O. }
\end{aligned}
\] & Acclamation．AC．III．3．O． ［through Joy］ \\
\hline  & Absoliv & \\
\hline ［v．Acceffiry，］TM．IV ［v．Incourage， RO．VI & \begin{tabular}{l}
［Acquitting，］RJ．II． 7 ． \\
［un－excommunicate，］RE．V．s．
\end{tabular} & Accommodat \\
\hline a．Help．］T．II． 5. & bsolu & \begin{tabular}{l}
a．Congruous，T．V．6．（make］ \\
a．Means ］T．II．6．O．
\end{tabular} \\
\hline bor． & ［perfet］T．III．9． & ［a．Provifion］Pr． \\
\hline ［v．Hate，AS．V．3．O． & op．to dependent，TM．IV．3．0． & Accompany． \\
\hline Averfation，AS．V．s． 0. & op．to relative， & ［v．Companion］RO．1V． 2. \\
\hline Abide． & Abftein，TA．V．6．O． & v．Being，T．I．I．\(\}\) with or \\
\hline ［contin & v．Abitinence］Mar．II． 2. & complio \\
\hline ［v．Duration，M Mea．V．A． & Abftemious，［adj Abftinence，］ & ［a．Perfett T．III，9．（make） \\
\hline －v．Permanent， & & Perform］TA III． 6. \\
\hline T & 1p．from Wine． & ［Finifh］TA．III． 7. \\
\hline v．ftay］TA．VI． 0 & Abferfive，adj． & cord． \\
\hline dwell \(]\) Po．I．A． & ［a．purgation（dim．］ & ［a．Affe \\
\hline & a．purity］TM．V．6． & a．Congruous \\
\hline TT.I. 7. O. & Abftincrce，TA．V． 6.0 & \\
\hline ［v．Patience，］Man．I． 8 biets． & \begin{tabular}{l}
rtue，Man．II． 2. \\
alt，D．II． 2.
\end{tabular} & ［with fimultaneous Spontanc－ \\
\hline & pirome & \\
\hline ［Contemptible，］AS．II．8．O． &  & ［adv．Sp \\
\hline （augm．） & ［obsc & cording． \\
\hline exceis of modefty，Man．III． & caled 〕 TA．1．8． & dv．Congruous，］T．V．s． \\
\hline ilit & ［foolih］HA．VI． 2 & \\
\hline rentialners & nor con & \\
\hline ［Nat．Power］NP．per tot． & Abundance，TM．I．2．E． & Accoft． \\
\hline ［Pofferfions］Po． & Abu［e，［ Ufe，TA．V．6．（corr．］ & ［2．Near］Sp．II．3． \\
\hline Abjure，［Swear．RC．VI．4．（a－ gainft．］ & 「＇peak Injuriounly］RJ．IV．I． Abu／iveness． & Addrers AC．V． 2. \\
\hline blatum， & S &  \\
\hline ，［ad．Abily & fcurrility」 Man．IV．9．E． & Reckoning］TA．IV： 6 \\
\hline Abode，vid．Abid & Abutt［v．Margin，\({ }^{\text {Sp．III．4．A．}}\) & Efteeming AS．II． 8. \\
\hline Abolijh． & Abyfe［Deep J TM．II．3．（aug．） & coutred．\({ }^{\text {d }}\) \\
\hline ［a．Nothing］T．I．1．O． & Academ，RC．III． 6 & \\
\hline Annihilate \(]\) AS．I．1．O． & Acara，Fi．V & Armame \\
\hline Deftroy］AS．I．4． 0. &  &  \\
\hline Law［ v ．Law（un．］ & ［a．Swifc］NP．V．9． & P．Effeti］T．II．O \\
\hline ACt［v．AA（un．］ & ［a．Soon］Sp．I． 4. &  \\
\hline
\end{tabular}

\begin{tabular}{|c|c|c|}
\hline AG & AI, & AL \\
\hline [adj. Courtefie] Man. IV. 7. Affair. & Decrepit-Mea, VI. 4.A. [Generation] Mea. VI. A. & \begin{tabular}{l}
[Arming (fign] \\
[Affaulting (fign]
\end{tabular} \\
\hline [adj. p. fur. Do (thing) & eent. & Alafs, Interjeतt. II. I. \\
\hline [Eufinefs] TA. III. & [adj. a. Ation. (perfon] & Alate, [Paft. Sp. I. I. E. (dim.] \\
\hline Thing ] T. I. 2. & pro-adj. Eufinels, TA. III. & Alaternus, Sh. Iv. \\
\hline Affett. &  & Albeit, [Although.] Conj. II. 2. \\
\hline [v. Affectation & \(\{\) Perfon.] & \begin{tabular}{l}
Alchimy, [Chimic.] O. VI. . \\
Alcoran, Scripture of Mahome-
\end{tabular} \\
\hline  & a. Great TM. I. I. E. & Alcoran, [Scripture of Mahomerans. \({ }^{2}\) \\
\hline Affethation., [Conccitednefs.] & 2. Intenfion] TM. I. 8 & Alcyon [Ring-fifher.] Bi. III.9. \\
\hline \begin{tabular}{l}
HA. III. 3. 0 . \\
- of Fmpire [Ambition.]
\end{tabular} &  & Berry bearing, -Sh. It. 7. \\
\hline MA. III. 9. \(\overline{\text { D }}\). Affeltion. & \begin{tabular}{l}
Nimble, NP. v. \(\mathbf{\varepsilon}\). \\
[Swift] NP. V. 9.
\end{tabular} & Alderman, [Affeffor of Corporation (Officer.] \\
\hline Paffion, AS. V. \& AS. vI. A & ditate & Ale, Pr. I. \\
\hline A & M & \\
\hline [Love]AS. & Drive TA. & Ale-boof, [Ground:Ivy] HL. \\
\hline Ajsiance. & [a, vice-bufine & Ale-boufe, [adj. Selling (houre) \\
\hline [Eetroihing] RO.II. 3. & Aglet, [round Lamin. (dim.] & (le-boule, [adj. Seling (houre) \\
\hline Ajldavit, [Sworn Teftimony:] & Agnus-Caftus. Sh. I. 6.A. & Alembick, [adj. Diftillation (vef- \\
\hline R J. I.7. A. & Agoe, [adv. Paft.] Sp. I. I. E. &  \\
\hline \begin{tabular}{l}
Afinity. RO. II. \\
Affrming, D. VI. 2. \\
\{faften.]
\end{tabular} & \[
\left\{\begin{aligned}
\text { Grief } \\
\text { Anger }
\end{aligned}\right\} \text { (Imperus.] }
\] & Algebra, [adj. Invention (art) in quantity (Science.] \\
\hline Affx [to \{ Put.] & Agree. & Alien, [Foreiner.] RO \\
\hline Aglitt, [.a. Adverfity,] Ha. I.2.O. Affuence, [Abundance.] TM. II. & \[
\left[\begin{array}{l}
\text { v. Congruous]T.v. so } \\
\text { a. Contratt }] \text { Rc. v. }
\end{array}\right.
\] & Alienatt, Po. O. rielf.]
[un- a. Propriety from him- \\
\hline &  & Aligh \\
\hline [Yield & EGr & [un- Ride] \\
\hline [Grant]D. VI. 3.A. &  & \begin{tabular}{l}
[un- \(\{\mathrm{Sit}\) ] \\
Down-go TA VI
\end{tabular} \\
\hline Give TA. IV. \({ }^{\text {P }}\) & Agreeable.
[Congruous] T. & Alike. \\
\hline fraid, [adj. Fear.] AS. v. s.0. & Expedient, & [adv. Like.] TM. \\
\hline Affront, RJ. IV. & Agrimary HF VII & \\
\hline \begin{tabular}{l}
Afrefh. \\
[adv. \(\left\{\begin{array}{l}\text { New. Sp.1.3. }\end{array}\right.\) \\
Repeated. TA.II. 6.
\end{tabular} & Agrimony, HF. VIII. 3. Dutch-HF. III. 8. [ on carth] & \begin{tabular}{l}
Aliment, [adj. Nutrition. AC. I. \\
6. (thing] \\
Alimony, [Proportioned (thing)
\end{tabular} \\
\hline \begin{tabular}{l}
\(\{\) Repeated. TA.II.6. \\
[again] Adv. IV. 2.
\end{tabular} & \[
\text { Aground }\left\{\begin{array}{l}
\text { on earth } \\
\text { contiguous to the }
\end{array}\right.
\] & Alimony, [Proportioned (thing) for Pravifons.] \\
\hline After. & Ague, S. II. I. A. (earth.] & Alifanders, HF. IV \\
\hline \begin{tabular}{l}
[op. to before] \\
[behind Prep. Y. 3. O. \\
[adv. Potterior] \\
[adv. Follow]
\end{tabular} & \[
\text { Ab, Interject. fp. }\left\{\begin{array}{l}
\text { Love. } \\
\text { Sorrow. } \\
\text { Defire. } \\
\text { Infinuation. }
\end{array}\right.
\] & \[
\begin{aligned}
& \text { Alive, [adj. AC.I. 7.] } \\
& \text { Alkolece, [n. adj. Fire cole.] } \\
& \text { HSe. IX. [Winter-cherry.] } \\
& \text { Alkanet, HL. IX. } \mathbf{~ I . ~}
\end{aligned}
\] \\
\hline As by patern. P & & All, Pron. V. 3. \\
\hline [ & & \\
\hline VI. 7. A. & \[
\left[\begin{array}{l}
{[\text { v. Paffion] T. I. \%. O. }} \\
\text { [v. Impor. ] NP. V. O. }
\end{array}\right.
\] & We it \\
\hline -Noon, [after-adj. noon. rtime. & [v. Want] TA. I.s.O. Aim. & -one, [Equal.] TM. I. s. -ready, vid. Altready. \\
\hline Time, [adj. Future.] Sp. I. & . 2. & \(-{ }^{\text {jogetber. }}\) \\
\hline D. \({ }^{\text {a }}\) IV \({ }^{\text {a }}\) & & adv. Total] TM. VI. \\
\hline \begin{tabular}{l}
gain. Adv. IV. 2. \\
[adv. p repeating.] TA.II. 6.
\end{tabular} & Air E1. II. & adv:Aggregate] TM.In [adv. Perfett TM. III. \\
\hline Againft. Prep. II 3. O. over-Prep. VI. 3. 0. & \(\rightarrow\)-of faces [Figure, (modus] [Tune.] & \[
\text { -waies }\left\{\begin{array}{l}
\text { in } \\
\text { adv. }
\end{array}\right\}\{\text { all(times) }
\] \\
\hline Agaric, [Fungus of Larix-tree.] & Wood, [Maple & Sp. in all times when it ought \\
\hline Agaff, [adj. Fear. AS., V. s. 0. (augm.] & \begin{tabular}{l}
(augm.) \\
so-abroad, [put in the Air.]
\end{tabular} & Allas. \\
\hline Agat. St. II. I. A. & & [a. Remirs] TM. 1. 8.D. \\
\hline Age. & & 1. Little] TM. I. I. D. \\
\hline & Wanton] NP. IV. 3.O. & [ 7. more-remils, \(8<c\). \\
\hline of what-[adj. preter. Age, & [Conceited] Ha. 1II. 3. O. & \begin{tabular}{l}
Allege. \\
[2, Argumentation.]
\end{tabular} \\
\hline \[
\begin{aligned}
& \text { how many years?] } \\
& \text { ander-[ of Pupillar age.] }
\end{aligned}
\] & (aggreg.) of Hawks.] & [2. Quotation.] \\
\hline of full-[Un-pupilled by Age] & ] Ake, AC. 11.7. & egiance. \\
\hline [adj. prer: & & [Loyaley] Man. \(V\) \\
\hline middle.-[Manhood.] Me & & Duty of Subjection.] \\
\hline & Ia. IV.3. & Egors, [continued Trop \\
\hline ola & Alarm. & ( \({ }^{\text {a }}\) 22 \\
\hline
\end{tabular}







\begin{tabular}{|c|c|c|}
\hline & & \\
\hline \multicolumn{3}{|r|}{\multirow[t]{23}{*}{}} \\
\hline & & \\
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\end{tabular}





\begin{tabular}{|c|c|c|}
\hline C A & A & C A \\
\hline \multirow[t]{9}{*}{\begin{tabular}{l}
Call． \\
［a．Voice］ \\
［a．Name］ \\
Summon］ \\
－to mind，［re－a．memory．］ \\
－towitnefs，［a．Witnefs （make．］ \\
－in， \\
［un－public］ \\
［a．annihilation］ \\
－upon，［Invocatc．］ \\
Callows． \\
－ing，］Profeffion．］
\end{tabular}} & Ca & ］ \\
\hline & Candy，［Condire with Sugar．］ & －Verfes，［［lay at repeating \\
\hline & Candid．［adj．Candor．］ & Capable． \\
\hline & Candidate．RC．I．4．A． & ［adj．a．Receive（por．］ \\
\hline & Candle．Pr．VI． 3 & \(\left[\begin{array}{l}\text { adj．Subject } \\ \text { adj．Pailion }\end{array}\right\}\)（por］ \\
\hline & for Candle．］ & Capacity． \\
\hline & Candor．Man．I．3． & \(\left\{\begin{array}{l}\text { Sub } \\ \text { Rec }\end{array}\right.\) \\
\hline & \[
\begin{array}{|l|l}
\mathrm{Ca} \\
\mathrm{Ca}
\end{array}
\] & \(\left\{\begin{array}{l}\text { Reccive } \\ \text { Paffion }\end{array}\right.\) ， \\
\hline & －bone，［Bone next to the & Caparifon，［adj．Ornat．（armam．） of Suddle．」 \\
\hline ［Hard \｛ \(\begin{aligned} & \text { skin．} \\ & \text { Mufcle．］}\end{aligned}\) &  & Cape．\({ }_{\text {［of Cloke，［adj．p．fold［Lamin．］}}\) \\
\hline & of men．］ & ［Promontory］W \\
\hline \begin{tabular}{l}
Downy \\
［nor－feathered］
\end{tabular} & Canis．\({ }_{\text {－major，［Stars（aggr）called }}\) & Caper．Merchant．RN． \\
\hline Calm．El．VI．6．A． & － & ［Leap］ \\
\hline \begin{tabular}{l}
［adj．Peaceablenefs］ \\
「adj．Meeknefs
\end{tabular} & - minor，［Stars（aggr．\({ }^{2}\) called
Leffer Dog．］． & fp．with trembling（like）of the Leggs．］ \\
\hline Calo．RM．III．8．A． & Canker． & Fruit．Sh．IV． \\
\hline Caltrops． & ［vicer，］fp．within the & Ship． \\
\hline Iron（inftr．）having four points moft diftane from each other． & \[
\begin{aligned}
& \text { mouch. }{ }^{[\text {Ruft }] \text { Mer. Iv. s. fp. of }} \\
& \text { Erafs. }]
\end{aligned}
\] & \begin{tabular}{l}
［Private man of War］ \\
［Ship prodatory．］ Capital．
\end{tabular} \\
\hline land－HS．III． 9 A． woater－HL．VII．8．A． & \begin{tabular}{l}
Worm，［Caterpiller．］ \\
ankered，［adj．p Canker．］
\end{tabular} & \begin{tabular}{l}
［adj．Head．］ \\
［adi．a．Dy（apt．］
\end{tabular} \\
\hline Calum & fomach． & （ap．］ \\
\hline Cambuge，［Concrete juice pur－ gative．］ & ［Old \｛ Harred．］ & \begin{tabular}{l}
dying（make］ \\
［Cheef］TM IV 4.
\end{tabular} \\
\hline \begin{tabular}{l}
Cameh Be．I． 3. \\
－＇s Hay．HL．III．I I ．A． \\
Camelopard，［Giraffa．］Be．II．7．
\end{tabular} & \begin{tabular}{l}
Cannibal，［adj．Eating（perfon） of men．］ \\
Canons．
\end{tabular} & \begin{tabular}{l}
Capitulate，［Treat about Condi－ tions．］ \\
Capon．，［un－tefticled Cock．］
\end{tabular} \\
\hline & & Caprafaltans．EI．I． 5 \\
\hline dj．Chamber Companion］ & & Caprichious，［Fantaftic］（corr． \\
\hline \begin{tabular}{l}
Cammock，［Reft－harrow．］HS． III． 14. \\
Camomil．HF II 8.
\end{tabular} & －of a Cathedral，［Affeffors of the Bifhop．］ & \begin{tabular}{l}
Capricorn，［Tenth of the 12 parts \\
of the Zodiac ］
\end{tabular} \\
\hline Camp．RM．VI． 1. & Rules，［adj．RE．Laws．］ & tripic of－W．VI． 5 ． \\
\hline \multicolumn{2}{|l|}{\begin{tabular}{l}
Camp．RM．VI．I． \\
—mafter，［adj．Camp．（Of－Can
\end{tabular}} & Capftain．RN．II． 3. Captain． \\
\hline \begin{tabular}{l}
Campania，［Plain．］ \\
［Summers war．
\end{tabular} & \[
\left\{\begin{array}{l}
\text { Sntence } \\
\text { Declare }
\end{array}\right\}
\] & \[
\begin{aligned}
& \text {-of Font, [adj, Company } \\
& \text { (Officer.]. }
\end{aligned}
\] \\
\hline Camphire，Tree．Tr．VIIL & Canoo，［Boat of one Tree．］ & －of Fiorfe，\adi．Troop（Offi．］ \\
\hline Gum［Gum of Camphir & Canopy，［over－adj．Head．］ & a Ship．RN．V． 1. \\
\hline Campion．HS．III． 2. & \[
\text { adj. }\left\{\begin{array}{l}
\text { Shadowing } \text { Covering }\} \text { (thing.] }
\end{array}\right.
\] & Captious． \\
\hline Ative． & norous，［adj a．Sing（apt．］ & be difple \\
\hline 崖． & & ne to \(<\) difpute \\
\hline adj．Natural Power］ & & quarrel \\
\hline adj：Power．］ & Canticle，［adj． p Sing（thing．］ & Captivate．RM．II， 6 E． \\
\hline Pals． & fp．Little，\＆c． Cantle，［Fragmen & Captive，［adj．P Captiva （perion．］ \\
\hline ［May］Mod．I． 1 ． a－［Footlefs Cup］ & \[
\begin{aligned}
& \text { 5. A. } \\
& \text { Canto, [Treble (part) of }
\end{aligned}
\] & \[
\text { Caput Mort [ }\left[\begin{array}{l}
\text { Sediment remaining } \\
\text { of diftilled (thing }
\end{array}\right]
\] \\
\hline Canary． & & Car，［Cart．］ \\
\hline \multirow[t]{2}{*}{－bird．Bi．IV．6．A． －grafs．HL III． 1 ． －wine，［Wine of the Cana－ ries．］} & Cantonize，［Divide into little Governments．］ & Caract，［Eighteenth part of a Dram．］ \\
\hline & Canvass，［Linnen of Hemp．］ & Caraguia．Ee．v． 6. Caramofel．RN．I． 4. \\
\hline Cancel． & \(\{\) a．Suter \(\}\)－or fuffrages & Carana．T． \\
\hline \[
\begin{aligned}
& \text { [a. Annifiliation] } \\
& \text { a. Spoil] }
\end{aligned}
\] & \(\{\) Contend \}:or fuffrages.] & Caravan，［Travelling（aggr．jo 2 Merchants．］ \\
\hline ［un－］ & & Caravel，［Ship（augu．］ \\
\hline \multirow[t]{2}{*}{Cancer．} & & Caraway． HF \\
\hline & ［p．Congruous to the Head］ & Carbine，［Gun（augm．） \\
\hline Conftellation，［Star（ aggr．） call＇d the Crab．］ & \begin{tabular}{l}
－cafe，［Box（dim） \\
to－［un－veft the Head．］
\end{tabular} & \begin{tabular}{l}
Horicman．］ \\
Carbonado，「Broil＇d adj．p．flaft：－
\end{tabular} \\
\hline Sign［the fourth of the twelve parts of the Zodiac．］ & ［Wooden（jug．）faftning \(\{\) Top－maft & ing J Pr．III． 5 ． Carbuncle． \\
\hline tropic of－W VI．5． & & Sore．S．III．\(\underset{\text { C c } \mathrm{c}}{ }\) A：Gem， \\
\hline
\end{tabular}
\begin{tabular}{|c|c|c|}
\hline & & \\
\hline  &  &  \\
\hline
\end{tabular}



\begin{tabular}{|c|c|c|}
\hline C L & CL & CL \\
\hline  & \begin{tabular}{l}
-of Marker. [adj. Market (off.11 \\
Clew, [Botiom.] \\
Click, [a. Sound as Watch.] \\
Clicket, [Luft.] \\
[p. of Rabbets.] \\
Client. \\
[Dependent] \\
adj) p. Advocare (perfon] cliff. W.III. 3. A. \\
Climalleric, [adj. a. Altering \\
(apt.) leventh year.」 \\
Climate, 「adj.p.Latitude (place) \\
of 13 hours, 13 and a hall, \(\& C\) ] \\
Climbe. Mo. II. 5 : \\
Climber of Virginia. Sh. V.8. \\
Clinch. \\
-a Nail, [Fix it by \(\{\text { re-knocking }\}^{\text {the point }}\) \(\{\) folding \(\}\) of it. \(]\) \\
—ones Fiff, [Fold the hand.] \\
a- [Urbanity (endeavor) by \\
fímilitude of words.] \\
Cling. AC. VI. 9. \\
clink, [a. Sound as Chains.] \\
Clip. \\
[Cut]O.V. 4. A. \\
[Embrace] \\
Clock. Po. VI.6. A. \\
what is it of - [what hour is it according to the- \\
Clod, [Lump.] \\
C. \(\log _{\text {, }}\) [Hinder.] \\
Cloy. \\
[adj. p. Excefs (make] \\
[adj. a. Naufeate, with abun- \\
Cloiffer. dance.] \\
[Houle of Monks] \\
[Roofed walking (place] \\
cloke, [Wide outer (Yefi] . \\
- \\
[Cover] \\
[Pretence] \\
[Conctal] \\
Cloke-bag, [Sack to be tied behind the Saddle.] \\
Clofenefs, Nearnefs impeditive of Penetration. \\
Nearnefs \\
of thing ro thing. \\
[Nearne's] \\
[Contiguiry] \\
[Contimuity] \\
of the parts ofa thing. \\
The Extremes. \\
[Narrownels] \\
The Middle parts. Clofenefs, Q.V.3. \\
[Denfnefs] Q. V. 3. E. \\
Impeditive as to the Surface. \\
to clofe. \\
[adj. Hide.] \\
[adj. Conceal] \\
Periphery. toclofe. \\
Fadj. a. Sepiment] \\
aclofe. \\
[adj. p. Sepiment (place] Top. to clofe.
\end{tabular} & \begin{tabular}{l}
with is own! [adj. Shut] [adj. p. Whole] as a Wound. \\
with anothers. \\
Side. [adj. Cover] - \\
to clofe. \\
[Together-join] \\
[Together-fold] as a Letter. \\
End. \\
to clofe, [adj. a. Finish.] \\
Of Penetration ; by \\
Ey, [Darknefs] as of wescher. \\
Ear, [Silence.] \\
Relervednels.] \\
Hand, \&ec. \\
[Faftners] \\
[Penurioufices] \\
Clofet, Room (dim.) for pri- \\
Clot. vacy] \\
-bird. \\
-burr. \\
Cloth. \\
Stuff for Clothing [adj. Clothing thing] \\
Corton-Pr.IV.4. A. \\
Hair-Pr. IV. \(1 . A\). \\
Linmen-Pr.IV. 4. \\
Woollen-Pro.IV. I. \\
-xorker, [adj: cloch (Me- \\
Clothe. chanic.] \\
[make Cloth] \\
put on [adj. p. Clothing (make] \\
Clothing. Pr.IV. \\
Clottered, [Coagulated] \\
Clond. El.III. 2. \\
Clove. \\
-ef Garlick, [Bulb of the r00t] \\
- tree. Tr. III. 9 . \\
Cloun, vid. Clown. \\
Clont. \\
[Fragment of Cloth] \\
[adj. Mending (thing] \\
[Strengthen \({ }^{\text {Mend }}\) by addition.] \\
Clown. \\
[adj. Country (corr.] \\
[adj. Ruflicity (perfon] \\
-ifonefs, [Rufticity.] \\
Clu, [Bottom.] Mag.VI. \%. \\
Club. \\
Weapon, RM.V.2. \\
[Society.] \\
Cluck, as a Hen. \\
[Calling (voice] \\
Clang. \\
[adj. a, preter. Cling] [together-adhering] Clufter. PP. II. 4. \\
[adj. aggregace (ching] Clutch. \\
[Talon. PP. V. 3. (Aggreg.] \\
[Hand] PG. V. 3. Holding. TA. V. S. (Augm.]
\end{tabular} \\
\hline
\end{tabular}




\begin{tabular}{|c|c|c|}
\hline CO & CO & CO \\
\hline ［Difcourfe］ Communion． & \[
[\mathrm{cc}
\] & Conceal．TA．I．8．O． \\
\hline \｛ Parn．］hip］ & & \\
\hline \｛ Parcnerthip．］ & ［Delight］AS．IV．7－ & sion］ \\
\hline ［Lord＇s supper．］RE．VI． & Complain. & Witty fayin \\
\hline Community，［Common（kinde］ & Grief（fign］ & nceiving． \\
\hline Commutation． ［Commerce］ & ［a．Accuter］
Complaifance．Man．IV． 8. & ［z．Conmon fenfe］ \\
\hline ［Exchange］ & Complaifance．Man．IV． 8. & a．Fancy \\
\hline Compar & Complete．\({ }^{\text {a }}\) ．\({ }^{\text {a }}\) ． & a．Thought］ \\
\hline \begin{tabular}{l}
［Together－oin（augm．］ \\
［Clofe（augm．］
\end{tabular} & \begin{tabular}{l}
［Perfet］ \\
［adj．p．Finilhing］
\end{tabular} & －with young．AC．I．2．A． \\
\hline ［Agreement］ & Complexion． & Concentre，\(\left\{\begin{array}{l}\text { together－} \\ \text { adv．Same }\end{array}\right\}\) centre］ \\
\hline ［ \(\begin{aligned} & \text { Together－league］} \\ & \text { Covenanr］}\end{aligned}\) & \[
\left[\begin{array}{l}
\text { Aggregate] } \\
\text { Compofition }
\end{array}\right.
\] & Conception．AC．I． \\
\hline Company． & Temper］ & Concern，［v．\({ }^{\text {Pratinent．}]}\) Proper．］ \\
\hline ［Together \({ }^{\text {S }}\) Geing & Complie &  \\
\hline & Congruity & ertinent］ \\
\hline ［adj．aggregate（th & ollow & ［Of］ \\
\hline ［adj．Multitude（ag & ［Pleafe by ，v．Congruity．］ & Conciliator，［Reconciler．］ \\
\hline ［Socicty］ & \[
\text { complisated, }{ }^{\text {aggregaled }} \text { incanged }
\] & Concife, [adj) Shorrnefs.] \\
\hline \begin{tabular}{l}
［Corporation］ \\
of Souldiers．RM．IV
\end{tabular} & \[
\text { [Together }\left\{\begin{array}{l}
\text { intangled } \\
\text { Mingled. }
\end{array}\right\}
\] & \begin{tabular}{l}
Concitation，Impulfion． \\
Conclave［Chamber 3 （p．Se－
\end{tabular} \\
\hline \[
\text { To-[Together- }\left\{\begin{array}{l}
\text { Be } \\
\text { Go } \\
\text { Travel }
\end{array}\right.
\] & ［Together－leagued（perfons］ ［Companions］ ［Acceflories］ & \begin{tabular}{l}
Conclave．［Council \(\}\) cret．］ Conclude． \\
［End］ \\
［Finifh］
\end{tabular} \\
\hline Companion．
Fellow．RO．IV． 2. & Comportment． & ［Dctermine］ \\
\hline ［Acceflary（perfon］ & \[
\begin{aligned}
& \text { efture] } \\
& \text { emeanor }]
\end{aligned}
\] & ［v．Inference］ \\
\hline ［IIrbane（perion］ & ［Converfation（manner］ & Concomitant． \\
\hline & Compofe． & ［adj．Simultaneity］ \\
\hline In Comparifon of，［Being compared with \(\rfloor\) & \begin{tabular}{l}
［Together－put］ \\
\｛Book，［a．Book \(\}\) \\
\(-\left\{\right.\) Verfe，\({ }^{2}\) ．Verfe \(\}\)（make
\end{tabular} & \begin{tabular}{l}
［Together－being］ Concord． \\
［Agreeing］
\end{tabular} \\
\hline compafs． ［About－goc］ & \begin{tabular}{l}
vise，a．verf \\
Order（perf． 1
\end{tabular} & \begin{tabular}{l}
［Agreeing］ \\
Symphony．Q．III．8．：
\end{tabular} \\
\hline About－goc］ GGoe about the ferch－［GO，ad & \begin{tabular}{l}
［Un－confufed（make］ \\
di．a．Agree（make」
\end{tabular} & \(\left.\begin{array}{c}\text { Concordance，［Catalog．} \\ \text { for finding of }\end{array} \begin{array}{l}\text { words］} \\ \text { things］}\end{array}\right]\) \\
\hline ［ferch－［Gour－fepiment］ & ［a．Quiet］ & \(\left.\begin{array}{l}\text { Concorporate，}\{\text { a．Body } \\ \text {［Together－}{ }^{\text {a．}} \text { Corporation }\end{array}\right\}\) \\
\hline Mariners－ & ［Together \(\{\) & Concourfe． \\
\hline ［Box to direa Navigati－ on」 & [Make of many parts]
2. Mixture] & ［Together－coming（ana ［Convention（augm．］ Concrete． \\
\hline \begin{tabular}{l}
「adj．Magnet．\(\left\{\begin{array}{c}\text {（Jug．）} \\ \text {（Vefl．）}\end{array}\right\}\) \\
Pair of－［Writing（inft．
\end{tabular} & \begin{tabular}{l}
［Coverant to pay \\
Lefs than ones debt．］
\end{tabular} & ［Coagulate］ op．to Abitract．D．II．2．O． \\
\hline \[
\begin{aligned}
& \text { Circles. } \\
& {[\text { Comprehend }]} \\
& \text { Obrain] }
\end{aligned}
\] & \begin{tabular}{l}
Comprehend． \\
a．Capacity．TA．II． 4. \\
［Underftand \(\{\) Perfealy \(\}\)
\end{tabular} & \begin{tabular}{l}
Concubine． \\
\｛ Appropriated Whore］ \\
\｛inftead－Wife\}
\end{tabular} \\
\hline －of a year，\＆c．［Space－\＆c．］］ & nd Perfectly & Concupifcence． ［Apperite］ \\
\hline Compaffion，［Pity］TA．VI．7．0． & Compreflion．O．I． 3 & Defire］ \\
\hline Compatible \(\begin{aligned} & \text { agreeing．} \\ & \text {［Together－} \\ & \text { adj．Congruous．}\end{aligned}\) & Comprize，vid & Luft \\
\hline compeer． & nife，together－lub Arbitration & Nature（corr．］
Original Sin］］ \\
\hline pani & Compulfion，［Coaction］ & Concur． \\
\hline compell，［a．Coad & Compunction． ［Remorfe］ & ［Meet］ \\
\hline Compellation，［a．Name．］ & ［Repentance（inc．］ & \\
\hline \begin{tabular}{l}
Compendious． \\
［adj．Shortnefs］
\end{tabular} & Compurgation & \\
\hline ［adj．p．Epitome］ & ［a．Innocent bomwimefs］
Computation． & \\
\hline \begin{tabular}{l}
Compendium． \\
［Epitome］
\end{tabular} & ［Account］ & Condentence．RJ．II． 7.0 O， \\
\hline ［Short method］ & & \\
\hline Comprinfate．TA，II．7．A． & Con－over，［againe：ay（freq．）for
remembring．］ & \\
\hline Competent，
Competitor，
［Sufficient．］ & Concatenation，［Together－chain－ & Condenfe， \\
\hline Competitor，［Rival．］ Compile． & \[
\begin{gathered}
\text { ing.] } \\
\text { Concave. Mag. III. A.D. }
\end{gathered}
\] & ［2．Man．VI．2．］ \\
\hline & & Permit \({ }_{\text {Ddd }}\) ．con． \\
\hline
\end{tabular}
\begin{tabular}{|c|c|c|}
\hline & & \\
\hline & \multicolumn{2}{|l|}{\multirow[t]{51}{*}{}} \\
\hline & & \\
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\begin{tabular}{|c|c|c|}
\hline & & \\
\hline \multirow[t]{6}{*}{\begin{tabular}{l}
[Powder]TM. VI. 4. A. \\
To - [a. Powder] Pr. III. 7. A. \\
fp. with Salt.] \\
Cornel-tree. Tr.II. 3.A. \\
Cornelian, [Sardius] St.III. 3. \\
Corner. \\
[Angle] Mag. III. 2.A. \\
[Toork) Mag.IV. 2. \\
[Notch] Mag.IV. 2. O. \\
[of the eje, [Dent-] \\
[adj. Hiding (place]
\end{tabular}} & \multirow[t]{6}{*}{\begin{tabular}{l}
Natural. \\
[Infection] S. I. 1. \\
[Decay] NP. V. \(4, \mathrm{O}\). \\
[Putrefation] NP. V. 2.O. \\
Moral. \\
General. \\
[Unholinefs] Ha. V. 2. O. \\
[Vice] Man.I. I.O. \\
Special. \\
- [Unchaftnefs] Man. 11. 7.O. \\
[Bribery ]RJ.IV. 6. \\
Corfet.
\end{tabular}} & \[
\begin{aligned}
& {[\text { Eftem] }} \\
& \text { Reckon] TA. IV. } 6 . \\
& {[\text { a. Sum' }]}
\end{aligned}
\] \\
\hline & & \multirow[t]{4}{*}{\begin{tabular}{l}
Conntenance \(\left\{\begin{array}{l}\text { Habit.] }\end{array}\right.\) \\
[Face \{ (Manner.] \\
out of-[not knowing which way to look.] \\
[Pofed] \\
[Afhamed]
\end{tabular}} \\
\hline & & \\
\hline & & \\
\hline & & \\
\hline & & \[
\begin{aligned}
& \text { [Encourage] } \\
& \text { [adj. p. Reputation (make] }
\end{aligned}
\] \\
\hline & \begin{tabular}{l}
Corfet. \\
[adj. Trunk (armour] \\
[Pike-man]
\end{tabular} & \\
\hline & \begin{tabular}{l}
[Pike-man] Cortex. \\
-febrifugus Perwvianus. Tr.
\end{tabular} & [Mony (like) of bale Metal] [Pion Offenders(dim.] \\
\hline & \begin{tabular}{l}
VII. 9. \\
-Winterianus. Tr. VII. 9. A.
\end{tabular} & \begin{tabular}{l}
[Prion for \(\{\) Debtors (dim.] \\
[adv. Contrary.]
\end{tabular} \\
\hline  & \multirow[t]{2}{*}{\begin{tabular}{l}
Corufcation. \\
[Flame (imp.] \\
[Brightnels]
\end{tabular}} & \multirow[t]{2}{*}{\begin{tabular}{l}
-bond, [Boad for indemnifying Surety.] \\
-charge, [Accure 2dv. Reciprocation.]
\end{tabular}} \\
\hline Coronct, bility & & \\
\hline  & Cofimography,
World.] cof. & Counterfeit. [a. Likenefs] \\
\hline & [Expence] & \\
\hline & \multirow[t]{4}{*}{\begin{tabular}{l}
[Price] \\
Coftard, [Apple.] \\
Coftive, [adj. P. Binding.] \\
Cofty, [adj. Coft (augm.] \\
coftmary, [Ale.coft.] HF.II. 4. \\
Cortage, [Houte (dim.] \\
Coston.
\end{tabular}} & \multirow[t]{3}{*}{\[
\begin{aligned}
& {\left[\begin{array}{l}
\text { a.feem (make] } \\
\text { a. Feign }] \\
{[\text { a. Forge] }} \\
{[\text { a. Hypocrific] }]}
\end{array}\right.}
\end{aligned}
\]} \\
\hline & & \\
\hline & & \\
\hline Corpulent. & & ry.] \\
\hline & \begin{tabular}{l}
Cottom. \\
-trec. Tr. IV. 0.
\end{tabular} & \begin{tabular}{l}
Countermine. RM.I. s. O. \\
Conntermure, [Oppofite wall.]
\end{tabular} \\
\hline & -trec. Tr. Pr. IV. 4. A. & Counterpane, [Upper (veft) for \\
\hline & \(\qquad\) & \[
\begin{aligned}
& \text { Counterparr, } \\
& \text { [Other }\left\{\begin{array}{l}
\text { Example.] (bed] } \\
\text { Copy.] }
\end{array}\right.
\end{aligned}
\] \\
\hline & \multicolumn{2}{|l|}{\begin{tabular}{l|l} 
Conch. \\
[Contrive rogether] \\
adj. 2. Proftrate.] & \(\left.\begin{array}{c}\text { [Other } \\
\text { Connterpoint, } \\
\text { Mufic,] }\end{array}\right]\) Copy.]
\end{tabular}} \\
\hline &  & Counterpoife, [Oppofitely .weigh] Counterpoifon [Medicin againit \\
\hline & -weed, [Dogs grais]HL.III.s.A & \\
\hline &  & Counter-fcarf, [Oppofite Ram- \\
\hline [Punifh] Ha.I. O. Chaftife. RO. VI. 6. &  & Countervail, [Compenfate equal-
ly.] \\
\hline & & Cowntefs, [Earl (fem.] \\
\hline & & waty, [Shire,] \\
\hline & Un-reen (make] & \\
\hline ciprocal & \[
\begin{gathered}
\text { Conceal'] } \\
\text { Coverlet, } \left.\left\{\begin{array}{l}
\text { Veft } \\
{[\text { Upper }\{\text { Covering }}
\end{array}\right\} \text { of Bed. }\right]
\end{gathered}
\] & [Region] W.III. A. anes oxen- [Ones Nation (place] \\
\hline & & Country-man, vid. Country. \\
\hline & Protection & Coute \({ }^{\text {a }}\) \\
\hline & & [p. Join'd.] [ Bonds.] \\
\hline & &  \\
\hline & & [Unite] [Armam.] \\
\hline  & \begin{tabular}{l}
Coul. \\
[Tub] Monk's-[-head (veft.]
\end{tabular} & \\
\hline By Admixtion. [Defiling] & Could, [Mood. II. I.] (vert.] & \\
\hline & \multicolumn{2}{|l|}{Coulters [a, Plonghing iron (inft.]} \\
\hline & \multicolumn{2}{|l|}{\multirow[t]{3}{*}{}} \\
\hline & & \\
\hline & & \\
\hline
\end{tabular}



\begin{tabular}{|c|c|c|}
\hline D A & DE & \\
\hline \multirow[t]{41}{*}{\begin{tabular}{l}
-fiery. EI. I. 7. \\
-watery.El.II. s. A. \\
Adj [moint e. V. 2. (dim.) \\
Damfin, [Plum adj. Damafcus] \\
Dancing. Mo. V. S. \\
Dandelion. HF.III. 12. A. \\
Dandiprat, [Little (dim.) man.] \\
Dandle, [shaking (dim.) in ones arms.」 \\
Dandraf, [Scurf of the head.] \\
Daneswort. HS.IX. 9. \\
Danger. T. V. 3.O. \\
Dangle, [Hang fwinging.] \\
Danle, [Moift] V. 2.] \\
Dapper, [Little nimble] \\
Dapple. QiII. 7.A. \\
Dare. \\
Fifh [Dafe] Fi. IX. 10. \\
Venture. \\
[adj. Fortitude] \\
[adj. Bold] AS. V. 8. \\
-not, [Fear] \\
[Challenge] RM. I. 2. \\
-larks, [a, Feas (nake.] \\
Darkness. \\
to the Sight. Q. I. 1. D. \\
to the Underftanding. D. III. \\
9. 0 \\
Darling, [Moft beloved] \\
Darn, [Sow knitting (like.] \\
Darnel. HL. III. s. \\
Dart. RM. V. 5 . \\
Meteor. El.I. 4 A. \\
Dafe. Fi. IX. 10\% \\
Dafh. \\
Ation. \\
[Motion (imp.] \\
[p. Fluid againft hard.] \\
or Hard againft fluid.] \\
[Caft] Mo. VI. 2. \\
[Strike] Mo. VI. 4. \\
[Write (imp.] \\
[Mixture] \\
[ p . with worfe.] \\
Effet. \\
[a. Fall] \\
[a. Hurt] \\
[Break] \\
[Scatter parts (dim.] \\
[spoil] \\
[Deftroy] \\
[adj. \(\left\{\begin{array}{l}\text { Shame } \\ \text { Defpair }\end{array}\right\}\) (make] \\
Daffard, [Coward.] \\
Date. \\
Fruit. Tr. II. 4. A. \\
Time.Sp. I. 5.
\[
\text { out of- [old }\} \text { (Late }\} \text { exc.] }
\] \\
Daub, vid. Daxb. \\
Dancus, [Wild Carret] \\
Daughter, [Child (fem.] \\
-in Law. \\
[Child (fem.) by Affinity.] \(\left\{\begin{array}{l}\text { Hushand's } \\ \text { Wife's }\end{array}\right\}\) Daughter] \\
[Sons Wife] \\
Dannt. \\
[Fear (make] \\
[Difcourage] \\
Daw. Bi. I. 6. \\
Daseb.
\end{tabular}} & & \\
\hline & & \\
\hline & & [2. Punifhment capital] \\
\hline & [Bribing & [Ceflation] \\
\hline & & \\
\hline & & \\
\hline & & \\
\hline & & \\
\hline & & \\
\hline & & \\
\hline & -Being. & \\
\hline & ei & \\
\hline & -place, [place &  \\
\hline & \[
\begin{gathered}
\mathrm{Nat} \\
\mathrm{Se}
\end{gathered}
\] &  \\
\hline & & \\
\hline & \begin{tabular}{l}
-afleep \} [Dead (like) \\
-drunk \(\}\) through \\
Sleep
\end{tabular} & \begin{tabular}{l}
Decalogue, [the Ten Commands of God.' \\
Decaying. NP. V.4.O.
\end{tabular} \\
\hline & & Deceafe \\
\hline & & \\
\hline & & \\
\hline & & \\
\hline & & \\
\hline & & c \\
\hline & & Decent. \\
\hline & & \\
\hline & & \\
\hline & & \\
\hline & & Decimation, Decipher. \\
\hline & \begin{tabular}{l}
- wall, [adj. Yielding \\
Q. VI. I.-] \\
nettle, [Archangel]
\end{tabular} & \[
\left\{\begin{array}{l}
\text { Explain } \\
\text { read }
\end{array}\right\}
\] \\
\hline & & [Un-conceal] \\
\hline & Not-adj. p. end (por.) until death] & Declaim, [a. Ora \\
\hline & & \\
\hline & & She \\
\hline & & \\
\hline & & \\
\hline & & [Changing (manner \\
\hline & & ends of Nouns] \\
\hline & \begin{tabular}{l}
Dean. \\
[Chief of Bifhop's Affeffors] [College (Off.] \\
Dear.
\end{tabular} &  \\
\hline & & \\
\hline & & \\
\hline & & \\
\hline & & Noun, \\
\hline
\end{tabular}

\begin{tabular}{|c|c|c|}
\hline 1) E & DE & E \\
\hline \begin{tabular}{l}
nelufion, vid. Delude. Demand. \\
-to know, [a. Queftion.] \\
-to have.TA.IV. 2.O. \\
-as Price. RC. VI. 2. A.
\end{tabular} & \begin{tabular}{l}
Deplore. \\
[Sorrow (aug.) for] \\
[Shew forrow (aug.] for] \\
Depopulate, [Un-people.] \\
Deportation, [Carrying into Exilc]
\end{tabular} & \begin{tabular}{l}
[Banket] Fr. II. I. A. to - [Forlake] Defertion [Forfaking] Deferve. \\
[a. Worthy] \\
[a. Earn]
\end{tabular} \\
\hline \begin{tabular}{l}
Demean. \\
[Land which the Lord of the Nanuor ules.]
\end{tabular} & \begin{tabular}{l}
Deportment, [Demeanour] \\
Depofe. \\
\{Put
\end{tabular} & \begin{tabular}{l}
Defigning. \\
Internal. TA. III. \\
External [Appoind
\end{tabular} \\
\hline Demeanour. & & Defire. \\
\hline Demerit. & [a. Privative] \({ }_{\text {from Dienity, }}\) [Degrade]. & In Words. [Intreat] BO. V. 3. \\
\hline Worthy & -from Office, [Incapacieate] & Defift. AS.IV.6.O. \\
\hline nemi, [Half] & -from Orders, [Deprive] & Desk. [Supporting (jug.) for Book] \\
\hline \begin{tabular}{l}
Demi-cannen. \\
Demi-god, [God (dim.]
\end{tabular} & Depofite. HC.V.V.1. A. & [Box to writeupon] \\
\hline Demi-god,
Demi-Lance. & Deprave, [a. Evil make.] & folate. \\
\hline Demife, RC. & Deprecate. RO. V. 3. A. & Sol \\
\hline Demijs. & Depreciate. & Nor-inhabited] \\
\hline [Low] & [Un-a. valor] Diminifh the & adj. Grief (augn \$air. \\
\hline [lumble] & Deprefloon. & Affection. A5. v. \\
\hline Democracy, [Goverpment by the People. & Down-forcing. O. 1. I.O. [Shallownefs] TM. IL. 3.O. & Deఫperate. \\
\hline Demolijh [a.Ruin.] & & Raft (at \\
\hline Demon & \begin{tabular}{l}
[a. Privative] \\
-of Poffeifion,
\end{tabular} & eration. \\
\hline Demoniac, [Inkabited by vils.] & \begin{tabular}{l}
fers.] \\
of orders. RE. V.2.O.
\end{tabular} & \begin{tabular}{l}
Affection. \\
sin. Hz.
\end{tabular} \\
\hline \[
\begin{aligned}
& \text { [Shew] } \\
& \text { [a. Certain by Argument] }
\end{aligned}
\] & \begin{tabular}{l}
Depth, vid. Deep. TM. Depuration. \\
[2. Purenefs]
\end{tabular} & \begin{tabular}{l}
Deyicable. \\
[2dj. p. Contempt (apt]
\end{tabular} \\
\hline Demur. Hefitate & [ \(2.10{ }^{\text {a }}\) a Scum] & Defpife, [Contemn] \\
\hline [Ask more \(\begin{aligned} & \text { for confidering] } \\ & \text { before anfwer- }\end{aligned}\) & Deputy, [adj. Subititure (perfon] & Defpite. [Contempt] \\
\hline Demure. (ing.] & & Malign \\
\hline [Grave] & [Abandoning] TA. II. 2.0. -to Evil. AS. I. 5.O. & [Done (thing) for to angar one.] \\
\hline Den, [Cavity u & Deride, (Mock.] R].IV.9. A. Derifon, Mocking.] R]. IV. & [Affront] \\
\hline ground & 9: A. & [Dendencir, \(]\) [ \(\begin{aligned} & \text { inc.] } \\ & \text { (dim.] }\end{aligned}\) \\
\hline & Derive, [a.Derivative] & Destine. \\
\hline Deny, D & Derogate. & \[
\left[\begin{array}{l}
\text { 2. Purpo } \\
{[\text { a. Fatc. }}
\end{array}\right]
\] \\
\hline & [rrom-take] & Deftiay, [Fate]. \\
\hline ted member of \(\{\) Corporati(on] & \begin{tabular}{l}
[Diminufh] \\
fp. \(\left\{\begin{array}{l}\text { Praice.] } \\ \text { Repurapin }\end{array}\right.\) \\
Reputation]
\end{tabular} & \begin{tabular}{l}
Deftitute. \\
[adj. Defect] \\
(adj. p. Forfak
\end{tabular} \\
\hline  & Defcant, [a. Paraphrale.] & froy, [a. Deftrud \\
\hline Denote, [a. Meaning.] & Defcend, [Down-ition] & fruction. \\
\hline De & Defcendent. RO.I. s. 0. & Action of \(\mathbf{G}\) \\
\hline [Threaten] & [Dowa-ition.] & Defuetude, [Un-a.cuftom.] \\
\hline Denfity. Q.V.3.E. & as of Ground, [Down-obli- & Detel.
CDifcover? \\
\hline Dent: Mag. V. 3.O. & [Defcendent. RO. 1. 1. 0 & \\
\hline Dentifrice, [Teerh-cleanfing & (abitr.]. & [Manifeft] \\
\hline (thing.] \{p. Powder.] & [Extraction] Defory. & Detein. [Hold] \\
\hline Deodand, [adj. p. ought Almfgiving (thing] & \begin{tabular}{l}
[Sec(inc.] \\
[Finde by Sight]
\end{tabular} & \begin{tabular}{l}
-unjufly. RJ. \\
[Stay (make]
\end{tabular} \\
\hline \begin{tabular}{l}
epart. \\
[Go] TA. VI. I. O.
\end{tabular} & \begin{tabular}{l}
[p. Fromfar.] \\
efcribe, [a. Defcription
\end{tabular} & Determine. \\
\hline \begin{tabular}{l}
[From-go] \\
「Die〕
\end{tabular} & \[
\begin{aligned}
& \text { Defcription. D.IV.3.A. } \\
& \text { Defert. }
\end{aligned}
\] & \begin{tabular}{l}
[. Defint \\
-the Liberty of the will.
\end{tabular} \\
\hline \begin{tabular}{l}
Dependent. \\
Op. to Abfolute. TM. IV. 3. O. Op. to Patron. KO. III. 5, O.
\end{tabular} & Merit.
\[
\text { [adj. Worthy }\left\{\begin{array}{l}
\text { (ahing] } \\
\text { (abft.] }
\end{array}\right.
\] & \[
\begin{aligned}
& \text { AS. IV. 8. O. } \\
& \text { by ones awn [a. Purpofe] } \\
& \text { AS. IV. 3. }
\end{aligned}
\] \\
\hline \begin{tabular}{l}
deplorable. \\
[adj. a. Grief (apt] \\
[adj. Mifery (augm.
\end{tabular} & [adj. p. Earn (thing.] Wildernefs. [Not-inhabired] & \begin{tabular}{l}
-by amothers [sencenec] \\
R. II. S.A. \\
Deterre. RO. V. s. O.
\end{tabular} \\
\hline Deplorate, [adj. P.Derpair.] & [Norwababiable country] & Detef. [Loath \\
\hline
\end{tabular}
\begin{tabular}{|c|c|c|}
\hline D I & D I & DI \\
\hline \[
\begin{gathered}
{\left[\begin{array}{l}
\text { Loath (augm.] } \\
\text { [-tate (augm:] }
\end{array}\right.} \\
\text { Detradt. }
\end{gathered}
\] & \[
\begin{aligned}
& \text { Diagram, }\left[\text { Lined }\left\{\begin{array}{l}
\text { figure. }] \\
\text { piature. }]
\end{array}\right]\right.
\end{aligned}
\] & Dil. HF. V. I. A. Dilacerate, [Tear] \\
\hline [a.Ablatum] & [Time-fhewing (inftr.] & Dilapidate. [Ruin] \\
\hline [p. From Reputation.] & Sp. By fhadow.] & Suffer to decay] \\
\hline [Under-fay] Mano IV. I. D. [Calumny] & Dialetr, [Language (manner-] & Dilate. \\
\hline \begin{tabular}{l}
[Calumny] \\
Detriment.
\end{tabular} & Dialogue, \(\left\{\begin{array}{l}\text { Difcourle } \\ \text { Conference }\end{array}\right\} \begin{aligned} & \text { tern.] } \\ & \text { al- }\end{aligned}\) & \begin{tabular}{l}
[a. Breadth] \\
[a. Ampliation]
\end{tabular} \\
\hline [Lors] & Diameter. Ma. II. 5. & Dilatory, [adj. Delay] \\
\hline [Diminihing] & Diamond. & Dilemma, [Argument adj. à re- \\
\hline Devaftation. & Stone. St.IV. r. & tort (apt.) Againft both anfwers] \\
\hline \begin{tabular}{l}
[Deftruction] \\
[Spoiling]
\end{tabular} & \begin{tabular}{l}
Figure, [Square] \\
[p. of nor-tioht Angles.
\end{tabular} & Diligence. Ha.IV. 5. \\
\hline Deveft, \{un-a. clothe] & Diaper, [Linen] & Dilling, [adj. P. Favour (aug.] \\
\hline Deviate, 2 a.privativenefs] & Diaphanous, [Tranfparent] & Dilucidate, [1nterpres.] \\
\hline [Wander] & Diaphoretic, [adj. a. Sweet
(make]. & Dilute, [Remils.] \\
\hline Devil. W.İ. 2.0. & Diaphragm. PG. VI. 3. & Blind (dim.] \\
\hline -'s bit. HF. 11. 13. A. & Diary, [Narration of days (fegr.] & [Dark (dim.] \\
\hline -'s dirt, [adj. Vitriol earth] & Diarrbąa.S. VI. 6. & -nefs. \\
\hline -'s mill, [spurge.] HS. V. 2. Devilifo [adj Devil] & Dibble, [adj. Serting (inftr.] & [Sight \(\{\) (Corr.] \\
\hline Devilift, [ad). Devil.]
Devife. & Dicacity, [loquacity.]
Dice, [adj. Mo. V. I. A. (infr.] & ighe \{ Dim.] \\
\hline [Invent] & to play at-Mo. V. I.A. & Dimenfion. Ma I. \\
\hline [Contrive] By will, [Bequatå & Dicbotomy, [Divifion into rwo.] & [a. Meafure.] \\
\hline By Will, [Bequath]
\([\) Feign] & Dichotomy, [Divifion into two.]
Dicker, [Ten skins of Leather.] & Diminißhing. \\
\hline [Forge] & Ditate, AC.III. 6. & a. Little TM. I. İD \\
\hline & Ditator, [Chief adj. Authority & [ F Few. TM.III. I.D.] \\
\hline [adj. Craft (ching] & \begin{tabular}{l}
(Off.] \\
Diztienary [Book for words]
\end{tabular} & More a. little. T. I. 7. D.] \\
\hline [Stratagem] [Pofy] & \[
\left|\begin{array}{l}
\text { Dičionary, [Book for words.] } \\
\text { Didapper, [Dabchick] Bi. VIII. } 7 .
\end{array}\right|
\] & More- a. remifs]
More- a. few] \\
\hline Devoir. & Dier. & Diminutive, [adj. Littlenels.] \\
\hline [Endeavour] & [adj. Dying [art.] & Dimple. \\
\hline [Duty] Devolve. & Diet.s. weed. HF. I. I & [ F urrow (dim.] \({ }^{\text {Dent (dim.] }}\) \\
\hline [Succeffive \} & [Regulated victual (manner] & Din, [Sound (augrm.] \\
\hline [Final \(\}^{\text {to- }}\) Ition] & [Council] RJ.JII. s. A. & Dine, [adj. Noon-meal.] \\
\hline Devored. & Differ, [ V . Difference.] & Ding, [Cant.] \\
\hline [adj. p. Vow] & Difference. & Dinner, [Dine.] \\
\hline [Coniecrated] & Proper. T.IV. & Dint, [Impetus.] \\
\hline [adj. Zeal] & [Diverfity] T. III. & Diocefs, [Bimop' \({ }^{\text {Precinct] }}\) \\
\hline Devotion. & Diffent] & Dioce/s, [Bihhop' \{ (Place] \\
\hline [Worfip (hab.] & [a. Contention] & Dip [into- \} adj, a. Water] \\
\hline [Zeal] & making a[Diftination] & nipthong. D. I. 3. A. \\
\hline [a. Ravenous. NP. IV. & Partiality] & Dire. \\
\hline 5.0.] & Difficult. T. V.4.O. & [Fierce] \\
\hline [. Glutt & Diffident. AS. V.7.0. & Cruel] \\
\hline [Ear \({ }^{\text {upand }}\) & Diffuse. & Direlt. \\
\hline [Eat [ greedily] & [Spread] & [Straight] Ma. IIİ. i. \\
\hline Devout, [adj. Devotion.] & Infert] & Upright. Ma. II. 8. E. \\
\hline Dew. El. III. 3. A. & Dig. O.Ill. 1. & to-RO.VI. I. \\
\hline -claws, [adj. Heel-claw.] \({ }_{\text {c }}\) & Digeft. & Dirge, [Prayer for the Dead] \\
\hline -grafs, Grals (kinde) \({ }^{\text {Seed }}\) & Natural. AC. 1. 5. A. Chymic. O. VI. 5. & Dirt. El.IV. 2. Difable. \\
\hline (hike] & [a. & [Un-a, able (make.] \\
\hline -lap, [Lonfe skin of the & & 2.Imporence] \\
\hline neck.] & Clothing] & d. Weaknels'] \\
\hline Drxterity. & Adorning] & [Incapacitate] \\
\hline [Agility] & Digit. & Difabufe. \\
\hline [Art. (perf.] & [Inch] & [Un-2.wrong (make] \\
\hline Die. & Inch (like) & Dijadvantage. \\
\hline [v. Death.] vid. Death. & nignifie, [a. Dignity.] & [Hindrancė] \\
\hline 2. Colour. O.V. 3.A. & Dignity & Lofs] \\
\hline a-[adi, Dicing infr.] & [Worthiners] T. IV. 6. & Hurt] \\
\hline Diabetes,[Difeare of Piffing(exc.] & High degree. Ha. II. 50 & Dijagree. \\
\hline Diabolical, [adj. Devil. W. 1. & Digreflion. L.V. 9. A. & [Diffent] \\
\hline 2. O.] \(]\) & & [Unpeaceable] \\
\hline Diadem, [Head-environing King & [Ditch] & Difallom, [Difapprove.] AS. \\
\hline (fign) Ornament.] & [Gutter] & III. 3.0. \\
\hline Diagonal. Ma. II. 3. & [Furrow] & Difanimate, [Difcourage.]
Eee 2 \\
\hline
\end{tabular}

\begin{tabular}{|c|c|c|}
\hline D I & DI & D I \\
\hline [Perform] & [Againft-prove] & Diftinct. \\
\hline Haften. TA. III. s. & Dijpute, [a. Argurnentation] & [Differenced] \\
\hline -perfectly. & Difquie!. & Separated] \\
\hline \{ Finifh \} & [Anxiety] & Ordered (perf.] \\
\hline \{2 Send away \} & \begin{tabular}{l}
[Trouble] \\
Di(ququifition, [Inquifition]
\end{tabular} & \[
\begin{gathered}
\text { [Plain] } \\
\text { Diftingtion. D. IV. } 1 .
\end{gathered}
\] \\
\hline \(\left\{\begin{array}{l}\text { Deliver } \\ \text { a. Free (make }\end{array}\right\}\) & \begin{tabular}{l}
Difquafition, [Inquifition] \\
[p. by Argument.]
\end{tabular} & Diftination. D. IV. I. Diffinguig. \\
\hline \{ Deftroy \({ }_{\text {kill }}\) & Difrank. & [a. Diftintion] \\
\hline Difpend. TA.v.3. & [Un-2. rank] & a. Difference] \\
\hline Dijpenfe. & [Un-a, Order] & [a. Period] \\
\hline \(\int^{\text {Give }}\) & Difregard, [Not-efteeming] & [a.Order (perf.] \\
\hline \(\{\) a. Segregate \(\}\) & Difrefpelt. Man. V. 4. D. & -a. Plain. \(]\) \\
\hline \begin{tabular}{l}
(a. Proportion) \\
[Give Zadv. Pro-
\end{tabular} & Dijatisfie, [ Not [ Un - 3 Satisfie] & [a. Judge] \\
\hline  & Difera. [un- \({ }^{\text {der }}\) & Lip. (regr.] \\
\hline \{ Relax from Law. .RC. & [Scparate by cutting] & [Twifting] \\
\hline \(\left\{\begin{array}{c}\text { IV. 8. } \\ \text { Licence. RC.IV.8.A. }\end{array}\right.\) & Dildeize, [Un-a. poffefs (make] & 2. Place (corr.] \\
\hline Difpenfatory, [Rook of Pharm. & Dijemble. & Diftraft. \\
\hline ceutical Compofitions (maiz- & Conceal] & [Pull feveral waics] \\
\hline & a. Hypocrifie & Separate] \\
\hline Difpeople, [a. empty of Dweliers]] & Diflention, [a. Contention] & Divide] \\
\hline Difperfe, [Scatter] & Diffenting. AS.II. 3. 0 & 2. Waver (make] \\
\hline Dijplace, [Un-place] & Disfertation, [Book argumenta- & Mad] \\
\hline Difplay. & tive.] & Diftrein, [Arrent] \\
\hline [Un-fold] & Mifervice. & [p. Goods] \\
\hline [Open] & Servic & Diffrefs. \\
\hline Dijplant. & Impedient (thing] & [Adverfity] \\
\hline [Un-plant] & Diflever. & Trouble (aug.] \\
\hline [Remove] & [Separate] & [Arrefting] [p. of Goods.' \\
\hline Dijpleafe. AS.IV. 7.0. & 2. Segregat & [Goods arrefted] \\
\hline Difpleafure, [Difpleafing] & Dijimular, [Unlike.] & Diftribute. \\
\hline to doe one a dj. difplicenr & Di İimulation, [Hypocrinic.] & Give \({ }^{\text {Deliver }}\) \} (regr.] \\
\hline \[
\text { doe }\left\{\begin{array}{c}
\text { adj. dirplicent } \\
\text { (thing }
\end{array}\right\}
\] & \begin{tabular}{l}
Difipate, [scatter.] \\
Difflue.
\end{tabular} &  \\
\hline [ adj. hurt (ching] & Loore] Q. VI. G. D. & a. Partition. \\
\hline Difpofe, [a. Difpofition.] & [a. Fluid ] O. V.j.D. & 2. Kind 3 (fegr.] \\
\hline Difpofition. & Meit. O. V. \({ }^{\text {a }}\) & a. Part 1 c \\
\hline LQualiry] T. I. 6.A. & [Separate] & a. Segregate] Diffria. \\
\hline [Temperament] & [Deftroy] & Region] \\
\hline -of the Mind. NP. IV. & [Corruption] & [Governmenx (place] \\
\hline \begin{tabular}{l}
-of the Body. \\
refp. Individ. NP. V:
\end{tabular} & \begin{tabular}{l}
a. Ruine] \\
Difolute.
\end{tabular} & \begin{tabular}{l}
Diffraft \\
In the Judgment. AS. III.
\end{tabular} \\
\hline \begin{tabular}{l}
Atual. \\
refp. Species. NP. VI.
\end{tabular} & \begin{tabular}{l}
[Carclefs] \\
[Senfual]
\end{tabular} & \begin{tabular}{l}
4. 0. \\
In the Affection, [Diffidence]
\end{tabular} \\
\hline [Inclination] As.IY.i. & Dijolution, vid. Diffotue. & Difurb. \\
\hline [Habit] (inc.) Ha. A. & DiJonant, [Different] & [Moleft] \\
\hline Habit Ha. & Dip. RO. V & a, lmpedien \\
\hline  &  & \begin{tabular}{l}
Difutite. \\
[Un-unite]
\end{tabular} \\
\hline a.authority] & Diftaff, [Staff of friming (ma- & [sepatate] \\
\hline (Appoint] & & \\
\hline [Prepare] & -tbiftle. & [ Lin- 2.cuf \\
\hline a. Efficient] & Diftance. & [Difiontinue Sure \\
\hline (Give] & -oftime. Sp. 1. 2.0. & [Dilcontinue [ Cuftom] \\
\hline [1. Segregate] & - 0 f place. SP. II, 2.O. & Ditch. \\
\hline a. Order & (corr.] & Furror \\
\hline a. Placet & Averration] & Dititander. HF. VIL. 6. \\
\hline Difpoffefs, [un adj. a. poffers & Difplicence] & Dittany. HF. VII. 6. \({ }_{\text {c }}\) ] HS. \\
\hline (make.] 8.0 & emper. & mxineliaj HS. \\
\hline Difpraife. RO. V. 8.0. & [Temper (corr.] & Dits, [Words adj. p. fing. \\
\hline \begin{tabular}{l}
Drfprofit. \\
[adi. Hurful (ching]
\end{tabular} & Diftention, [Streeching.] & (ape.] \\
\hline & Diffick, [Two V erfes.] & Divaricate. \\
\hline Difjproportion. & Diftillation. & [Straddle (make] \\
\hline Proportion (corr.] & [Difeare of dropping & [Separate] \\
\hline Unequality]
rave. & Chymic. O. VI. 6. & Dive. MO. I. 3. A. Divel, vid. Devil. \\
\hline
\end{tabular}



\begin{tabular}{|c|c|c|}
\hline E I & EM & \(\mathbf{E N}\) \\
\hline Echo, [Reflex found.] & Eke, [Alfo] &  \\
\hline Eclipfe, [Obfcuring by interpofi-
tion.] & \[
\text { Eke out, \{ [Lengthen }\} \text { by Ad- }
\] & Embofs, [Adorn with protubcrances.) \\
\hline fp. of \(3^{\text {Sun.] }}\) & Elaborate, [adj. p. Diligence. & Emboswed, [Arche \\
\hline rp. of S Moon.] & Elate, [adj. Infolence & bowel, \\
\hline Eclog, [paftoral diaiog. Song.] & \[
\begin{aligned}
& \text { Elaterium, [concrete juyd } \\
& \text { wild Cowcumber.] }
\end{aligned}
\] & Embrew, [So \\
\hline Edacity, [Gluttony.] & Elbow. PG. V. 2. A. & Embroider, [ Variegate by fow \\
\hline Eddy, [Re-flow.] & - & \\
\hline \multirow[t]{5}{*}{Edge.} & Elder & Embryon. \(\mathbf{P}\) \\
\hline & [More-old] & Emendation \\
\hline & tather & \begin{tabular}{l}
[Mending] \\
[Repairing]
\end{tabular} \\
\hline & Tree. Tr. III & Emergent. \\
\hline & mater-Sh. II. 12.
Elecampane, HF.III. & \begin{tabular}{l}
[adj. Event] \\
adj. p. Occafio
\end{tabular} \\
\hline Edible, [ad). p. Eat (abftr.] & Eleat. & Emerod \\
\hline Edity, RC.IV. 3. A. & -to do. & Stone. St. I \\
\hline \begin{tabular}{l}
Edifie. \\
[a. Building]
\end{tabular} & -to Office, 8c. RC. IV. 2. & [Vein in the Fundament] \\
\hline [a. Bettering] & dicinal mixture.] & \\
\hline Edifice, [Building,] & Eleemofynary, [adj.Alms.] & Emew, [Caffaware.] Bi. II. 9.A \\
\hline Edition, [a. Public. (make.] & Elegancy. & Eminence, [Excellence.! \\
\hline \multirow[t]{3}{*}{Education, [a. Nurle.]} & [Beauty] & Emifary. \\
\hline & [Ornatcmefs] & \(4[\operatorname{Sent}\) (perion] \\
\hline & Elegy, [adj. Grief verfe (aggr.]
Element. El. & [spy] \\
\hline  & [Princip & Emmet, [Anr.] \\
\hline -pout Fi. & of Difcourse. & Emolument, [Profit.] \\
\hline Effable, [adj. p. Spcak (abftr.] & Elephant. & Empair. \\
\hline Effelt. T.II.O. - & Elevate, & a. Worle] \\
\hline to this-[- [-end] & ion & Marring] \\
\hline of no- [adj. Fruftr & Elewen. & Empale, R]. V. 4.A. \\
\hline to-[Efficient.] & Elf, [Little forry (thing.] & Empannel, [a. Catalog.] \\
\hline totake-[Event (perf.] & Eligible, [adj. p. Elect. (apt.] & Empeach, [a. Accufer.] \\
\hline Effeltual, [adj. a. Efficient(apt.] & Elixir, [Beft part & Emperor, [King (augm.] \\
\hline Effeminate, [Woman (like.] & ¢p.adj. Chymic.] & Emphafis. D. I. 8. \\
\hline ender] NP. IV. 7.0. & II & Empire. \\
\hline Nice] Man. II. 6.E. & \(E U_{1}\), [Three foot and 9 inches & King (place] \\
\hline Efficacy, [1. Efficient (abitr.] & Ellipfis. Mag. III. 8.D. & [Ring(abitr.] \\
\hline \multirow[t]{2}{*}{Efficient, T. II. . 1.
Effigies, [PiAure.]} & Elm. Tr. VI. & Empiric, [Phyfitian (cort.] \\
\hline & Elocution, Speaking 3 (Man- & Employ. \\
\hline Efluvium, [ adj. P. Exhalation (thing.] & \begin{tabular}{l}
Elocution,[Articulation\} ner.] \\
Sp. Artificial. \({ }^{1 \prime}\)
\end{tabular} & \[
\begin{aligned}
& {\left[\begin{array}{l}
\text { a. Bufinefs. TA. III.] } \\
{[\text { ufe. TA.V. 6.] }}
\end{array}\right]}
\end{aligned}
\] \\
\hline Effort, [Endeavour (imp.] & Eloguence, \{ Orbartly.] & Empoverif, [a. Peverty (make.] \\
\hline \multirow[t]{2}{*}{Effufion, [Fout - \%pouring]} & [Speaking(art) \{ Perfivalive. & Emprefs, [Emperor (fem.] \\
\hline & Elfe. & Emptring. O. II. 7.0. \\
\hline Efifoon, (At times.] Sp. I. 8. O. & v. Other] & Empyema. S. V. \\
\hline \begin{tabular}{l}
Egge, PP.V. \({ }^{\circ}\). \\
mith EBSE, Impregnared
\end{tabular} & -where, [In other place & \begin{tabular}{l}
Emry. St. I. 7. A. \\
Emulation. AS. V
\end{tabular} \\
\hline \begin{tabular}{l}
with Egge.] \\
to-[a. Impulfive]
\end{tabular} & ite, & Emulgent, Emulfion, \\
\hline Eqlantine, [Rofe (kind.] & Elude, \{ fruftrate] & cine.] \\
\hline Egregious, [Excellent.] & Elucubrate, [Diligent fudy, ] & Emunãory, [Glandule] PG. \\
\hline \multirow[t]{2}{*}{Egrefs.} & Ematiate, [adj. Lean (make.] & II. 7. \\
\hline & Emana:ion, [Out-flowing.] & Enable, [ ai Able (make.] \\
\hline [Way out] & Emancipate, [Un-lave.] & Enalt, [a. Law (make.] \\
\hline Egret, [Eagle (k ind.] & Embalm, ' [ Preferve by Condi- & Enamel, [Paint with melted Co- \\
\hline Esyprian, [Wandring wizard.] & \% & lours.] \\
\hline \multirow[t]{2}{*}{\begin{tabular}{l}
Ejaculation, [Prayer (dim.] \\
[p. Sudden.]
\end{tabular}} & Embark, [Into-go:] [p. Into Ship.] & \begin{tabular}{l}
Enamored [adj. a. Love.] \\
Encamp, [a. Calmp.]
\end{tabular} \\
\hline & Embaffador, [ adj. RC. Sent (Of- & \\
\hline Ejelt \({ }^{\text {che }}\) & ficer: & Encircle, [About-a. circle.] \\
\hline [Out-caft] & Embellifh, [a.Ornate (make & ncline. \\
\hline [Un-\&c.] & er-weel, [ Fafting week for & [a. Oblique] \\
\hline Eight. Mea. II. 8. & [adj. Ordinatonn (tinthe.] & a. Vergency \\
\hline & bers, [Fired afhes. & nclofe. \\
\hline undred, \&c. & Embezil, Ta. Prodigalit & \\
\hline \multirow[t]{2}{*}{Either.} & lem, [Signifying picture.] & [Contein] \\
\hline & [p. Moral.] & Enclofure. \\
\hline [Or] & Embody, [a. Body.] & [a. Enclờing] \\
\hline
\end{tabular}


\begin{tabular}{|c|c|c|}
\hline EX & EX & EX \\
\hline \[
t_{0}^{[\text {[adj. Perfect] }]}
\] & Exclufive,
rreams Excluding the ex- & \[
\begin{gathered}
\text { fp. Afulul.] } \\
\text { Exanerate, [un-lode. } 1
\end{gathered}
\] \\
\hline [a. Rigor] & Excogitate, [Invent] & Exorable, [adj. P. Entrea \\
\hline [Demand \(\left\{\begin{array}{l}\text { Unmercifulty] } \\ \text { The utmoft }\end{array}\right.\) & Excommunicate.RE.V. 5: Excoriate, [Un-skin.] & (abftr.] \\
\hline [a. Oppreffion] & Excreation. Mo.IV. 5.A. & Exorcift, ऽUn-adj. a. Devil \\
\hline \begin{tabular}{l}
Exaggerate. \\
[3. Grear]
\end{tabular} & Excrement. & (Off. \\
\hline \[
\begin{aligned}
& \text { 3. Great] } \\
& \text { a. Intenfion] }
\end{aligned}
\] & [Out-purged (thing.]
[adj, dunged (thing.] & Exotic, [adj. Forcin] RO.
IV.3. \\
\hline Cadd Provocati & Excrefcence. & Expanfion. \\
\hline & [Out-growing gibbous (thing] & Stretching] \\
\hline [Swing] & Excruciate, [Torrure.] & [Spreading] \\
\hline [vex (endeavour] & Excurfion. & Expatiate, Wralk abroad.] \\
\hline Exa't. & [Out-running] & Expett. AS. III. 7. A. \\
\hline [Lift] & [Digreffion] & Expedient. T. V. 6. \\
\hline \[
\begin{aligned}
& \text { Praite (augm.] } \\
& \text { [adj, a. Dignity (make] }
\end{aligned}
\] & \begin{tabular}{l}
Excufe, [Defendent (ching.] \\
Execrable, [adi. p. Ought averfa-
\end{tabular} & \begin{tabular}{l}
an-[Mcans] T. II. 6.A. \\
Expedition.
\end{tabular} \\
\hline \begin{tabular}{l}
Examine. \\
[Inquifition] AS. II. 2.
\end{tabular} & tion. (augm.] & Difparching] TA. III. s. \\
\hline [a. Queftion] & Execration. [Curfing] & [Travel] TA. Vl. 3. Sp. Military,] \\
\hline [Trial] TA.II.g.A. Judicially. RJ. II. 4. A. & \[
\begin{aligned}
& \text { [Renounce with Curfing] } \\
& \text { Execution, [Performing.] }
\end{aligned}
\] & Expel, [Out-drive.] TA. VI. 5. A. \\
\hline \begin{tabular}{l}
Example. \\
[Exemplar]
\end{tabular} & -of Sentence in Law. RJ. & Expence, [adj. p. Spend (thing.] \\
\hline Inftance. D.IV. 8. A. ar for-[c. g.] Conj. IV. 3. 0. & \begin{tabular}{l}
II. 9. \\
-Capital. RJ. V. \\
-not Capital. RJ. VI
\end{tabular} & \[
\begin{aligned}
& \text { Expend. } \\
& {\left[\begin{array}{c}
\text { Spend ] } \\
\text { Disburfe] }
\end{array}\right.}
\end{aligned}
\] \\
\hline Exanguious Animal. Ex. &  & \begin{tabular}{l}
Experience. \\
[Eflay] TA.III. 4. A:
\end{tabular} \\
\hline Exanimate. & with will:] & Habit. Ha, VI. 4. \\
\hline Exalperate. \({ }^{\text {diflouge }}\) & Exemplar. T. II. 3. & Experiment. \\
\hline \begin{tabular}{l}
xajperate. \\
[a. Intenfion] \\
[More-angry
\end{tabular} & \begin{tabular}{l}
Exemplific. \\
[Give Copy]
\end{tabular} & [ [a. Experience (end] \({ }_{\text {adj. p. Effay (thing.] }}\) \\
\hline [More-angry & [Give I Inflance] & Expert, [adj. Experience.] \\
\hline Exceed. & [a. Immanity] & Expiate. \({ }^{\text {Sarisfic for } G}\) \\
\hline [Excell] & Exercife. & Un. 2. Guilty (make] \\
\hline Abound] & [PraAife] & [p. by Sacrifice.] \\
\hline [Augment] & [Doc] & Expire. \\
\hline [ Intenfe) & TCuftom to doe7 & [Die] \\
\hline [v. Exces] & [a. Experience] & End] \\
\hline [v.Excellent] & [ure] & time-d, 5 ended.] \\
\hline Superior & [a. Recreation] &  \\
\hline [v. viitory] & Exercitation, vid. Exercife. & Explicase, \\
\hline lent. TM. Y. 4.E. & Exhalation. Mec.'II. & Explicit, [Exprefs,] D. III. \\
\hline Exsept. Adv. & [Vapor] Met. II. 2. A. [Fume] Met. II. 3. & Explicit, \\
\hline [Befide] & Exhauf. & \begin{tabular}{l}
Difapprove (augm.] \\
[Rejét difgracefully]
\end{tabular} \\
\hline [Unlefs] & [Out-draw] & Exploit. \\
\hline ion. [Exemption] & [Empty] & [Ation (augm.] \\
\hline -to rulc. D. IV. s.O. & Exhibit.
[Reprefent] & [adj. p. Pertorm (thing.] \\
\hline take-[Be difpleafed] & Offer] & dor \\
\hline Excefs. Too-much. TM. I. 3.E. & [Give] & [Inquifition] AS.II. 2. fp. by Eflay.] \\
\hline tious. Man. II. E. & Exhibition, [adj. p. Stipend (thing.] & Expofe. \\
\hline [Gluttony] & Exbilerate, [a. Mirth.] AS. & Un-cover] \\
\hline [Drunkernefs] & V.4. & [adj. p. Danger (make] \\
\hline \begin{tabular}{l}
Exchange. \\
Bartering, RC. V. A.
\end{tabular} & Exhort, [Perfuade] RO.V.2. & Expofition. \\
\hline [Merchant's Conven & Exhortation, [2. Perfuade.] & [a. Plain] \\
\hline (place.] & Exictation; [a. Drinelf.] Q.V.
2. D. & Expeffulate. \({ }^{\text {[Intation] }}\) \\
\hline Exchequer, [Court of Chief Maginpate's revenue.] & Exigent. & Expefskare accufingly] \\
\hline ipates rev & Occafion] T. II. 4. A. & [Complain] \\
\hline Excite, [Impulfe.] & ] & spound. \\
\hline Exclaim AC. III. 3, 0 & Exile. RJ. VI. S. & [a. Plain] \\
\hline Exclude. & Eximious, [adj. Excellent.] T. & Exprefs. D. III. 8. \\
\hline  & I. 4. E., & -ion, [Speech (manner.] \\
\hline [Except] TA. I.4. & Exijferice, [Being. T. I. I. (abftr.] & Exprobrate, [Upbraid.] RJ.IV. \\
\hline
\end{tabular}
\begin{tabular}{|c|c|c|}
\hline E X & FA & FV \\
\hline \multicolumn{3}{|l|}{} \\
\hline Expunge, [Un-write.] & gogele \}-ed\{prominent \(\}\) & Faint. \\
\hline \multicolumn{3}{|l|}{Exquifite, [adj. Perfectnefs.] pink} \\
\hline \multicolumn{2}{|l|}{Exrant.
[adj. Eeing]} & \\
\hline [ACual] & ow. PG. III. 6. A. & Remis's] \\
\hline [Adj. p. See (abitr.] [Public.] & -lid, [adj. a. Cover (thing) & [lighr] \\
\hline Extafic. AS. VI. 8. A. & cem & \\
\hline Extempore, [Withour premeditation.] & \[
\begin{aligned}
& \text { feve J } \\
& \text {-bright. HS. viII. \%. A. }
\end{aligned}
\] & Coward] \\
\hline Extend, [Stretch.] & [Loop.] Mag. V.2.A. & \\
\hline Extenfion. Ma. A.
Pofture, [Stretc & & [Beautifu \\
\hline \multicolumn{3}{|l|}{Extent. Ma. A.} \\
\hline \multicolumn{3}{|l|}{Extenuate.} \\
\hline \multicolumn{3}{|l|}{\begin{tabular}{l}
adj. a. Thin] \\
[Excure in parr]
\end{tabular}} \\
\hline [Excure in part] Exterior, [adi. Out-f & & demeanour. \\
\hline \multicolumn{3}{|l|}{Exterminate, [Exile.] [Lie] [. Fition narration] [Court} \\
\hline \multicolumn{3}{|l|}{External, [adj. Out-fide.] Spo
III, 6.0.} \\
\hline \multicolumn{3}{|l|}{\multirow[t]{2}{*}{}} \\
\hline & & \\
\hline [Annihilate] & & S \\
\hline \multicolumn{3}{|l|}{} \\
\hline \multicolumn{3}{|l|}{Extoll.} \\
\hline [Praife (augm] & & Feign'd man (like) De- \\
\hline \multicolumn{3}{|l|}{-ion.RJ. IV. S. A.} \\
\hline \multicolumn{3}{|l|}{\begin{tabular}{l|l} 
Extralt. \\
[Out-bring] \\
-abourt, [Turn]
\end{tabular}} \\
\hline \begin{tabular}{l}
Out-bring] \\
[From-proceed (make]
\end{tabular} & about, [Turn. & rational. Ha. III. 2.' \\
\hline \begin{tabular}{l}
[From-proceed (make] \\
fp. by Chymic operation.]
\end{tabular} & & -relligious. Ha, V.4• \\
\hline \multicolumn{3}{|l|}{an- [a Ly \{ pertinacioufly ] [adj.} \\
\hline \multicolumn{3}{|l|}{} \\
\hline \multicolumn{3}{|l|}{\multirow[t]{2}{*}{-ion [adj. Defcendent
(kind) \(R\) R. I. I. O.] \(\quad\) [Eafie]
[Credulous]}} \\
\hline & Credulous] & \\
\hline Extrajudicial, [Nor-judicial] & Affable] & Not-2d \\
\hline \multicolumn{3}{|l|}{Extraneous, [adj. Foreiner] Pacilitate, [a. Eafinefs.]} \\
\hline \multicolumn{3}{|l|}{Extraordinary. adj. TM. V. 3.O. Facinorous, [Crime (augm.] Falcon, Hawk (kind.)} \\
\hline & Fatt. [Done (thin & Falconer, [adj. Hawk (Off.] \\
\hline \multicolumn{3}{|l|}{} \\
\hline \multicolumn{3}{|l|}{[adi. Digreffion]} \\
\hline \multicolumn{3}{|l|}{\begin{tabular}{rl|l|l} 
Extream. \\
op. to Middle. Sp. III. 3. O.
\end{tabular} \begin{tabular}{l} 
Fallitious. T.III. 7. O. \\
Falfor, [Inftead-Merchant]
\end{tabular}} \\
\hline \multicolumn{3}{|l|}{op. to Mediocrity. T. I. 2.O. Faculty.} \\
\hline \multicolumn{3}{|l|}{Utmoft [Moft-adj, great- [- \(\begin{aligned} & \text { Naxarai Power] } \\ & \text { Licence] }\end{aligned}\)} \\
\hline nefs.] & ade. & - P . in Figh \\
\hline [Rigid] Man. I. I. E. & [P.Tranfitorinefs] & -off, [Go (imp.] \\
\hline [Defetive] & [v. Decay] & \(n\), [Affaulc.] \\
\hline Exiremity. \(\quad \therefore\) & Fag, [End (corr.] \({ }_{\text {Fagor, [Sticks (aggr.) together- }}\) & \\
\hline [End] Sp. III. 3. O. & agor, bound .] & Motion metaph. \\
\hline [Trouble (aug.] & ail. & Begin. \\
\hline \begin{tabular}{l}
Extricate, [Un cangle.] \\
Extrinfecal [adi Ourfide]
\end{tabular} & [p. Fruftrate] TA.V. I. O. Mifcarry] TA. III. 7.0. & -in band with, [B -to ones meat, [Ea \\
\hline \begin{tabular}{l}
Extrinjecal, [ad). Our-fide.] \\
Extrufion, [Out-thrufting.]
\end{tabular} & [0mit] TA. III. 8.A. & Event. \\
\hline Exuber ant, [Abundance.] TM. & [Fint] & fp. adj. Fortu \\
\hline I. 2.E. & [Faint] \({ }^{\text {a }}\) & - \\
\hline Exudation, [Out-fweat & Infolvent. TA, IV.8.0. & -0и \\
\hline Exulcerate, [adj, p. Ulcer (make] & & from higher to \\
\hline Ey. & & ing. \\
\hline Menberi PG.III. 2. - & \begin{tabular}{l}
[a. Hypocrifie] \\
Imould-have it, [I defire
\end{tabular} & -on knees. AC.VI. 6. -all along. AC.VI. 7. \\
\hline
\end{tabular}


\begin{tabular}{|c|c|c|}
\hline Fi' & FI & FL \\
\hline \begin{tabular}{l}
Filberd. Tr, IV. 3. \\
Filch, [Theft (dim.] \\
File:
-ing. O. IV. 2. A. \\
Inftrument, (inftr.] \\
As of Souldiers. RM. IV. \\
4. A. \\
Filiah, [adj. Some] \\
Filipendula, [Dropwort.] \\
Fill. O. II. 7. \\
Filidet. \\
[Riband] \\
[p. adj. Linen.] \\
-of Bean. \\
-of Pillar, [Square (part.] \\
Filhy, [young horle (fem.] \\
Fillip, [Strike with the nail of the finger fpringingly.] \\
Film, [Thin Membranc.] PG. II. \\
3. A \\
Filthy. \\
[adj. z Defile (abitr.] \\
[adj. Slovenlinets (augm.] \\
a-deal, [Much (corr.] \\
Filtring. O: VI. 4. A. \\
Fin. PP.IV. 6. \\
Final, [adj. End.] \\
Finch. \\
Cbaff-Bi. IV. \(7 \cdot\) \\
Bul-Bi.IV. 5 - \\
Gold-Bi. \\
Green-Bi.IV. 6. \\
Finde. \\
-by Seeking. TA. I. 7. O. \\
Perceive, [a. Common renfe.] \\
(Difcover.] AS. II. 2. A. \\
\(\left\{\begin{array}{l}\text { Invent.] AS. III. 2.A. } \\ \text { contrive }\end{array}\right.\) \\
[Contrive.] AS. III. 7. \\
-by Experience. \\
[Difcover by Effaying.] \\
[a, Experience]. Ha. VI. 4. the Bill, [Approve the
Bill.]. Bill.] \\
-Fanl. \\
[a. Cenforiouinels] [Blame] \\
[Reprchend] \\
-without 「eeking.
\[
\text { [a. Fortune to }\left\{\begin{array}{l}
\text { ree. } \\
\text { have. }] \\
\text { \&c. }
\end{array}\right]
\] \\
[obrein] TA.V. 1. \\
[Maintein] RO. Vig \\
Finé. \\
Adj. \\
[Simple.] \\
- force, [Simple. 1.] \\
[Pure] [adj.TM.V. 6.] \\
[Reqined] \\
[Un-adj. p. \(\left\{\begin{array}{l}\text { Worft part.] } \\ \text { Sediment }]\end{array}\right.\) \\
[Thin.] [adj. TM. II. 5. O.] \\
-linen, [Thin (augm.)-] \\
[Soft] [adj. Man. I. 8. D.] \\
[Tender] [adj. NP.IV. 7. O.] \\
INice.] [adj. Mah. II. 6. E.] \\
[adj. a. Dainties (apt.] \\
[adj. Ornatenefs' \\
[Crafry.]
\end{tabular} & \begin{tabular}{l}
Subft. [Mulat RJ. VI, 7 s in- [In the End.] Finger. PG.V. 7. \\
Fore-[Second-]; \\
Middle-[Third-] \\
Ring-[Fourth-] \\
Little-[Fifth_] \\
af enes - s end, [adv. Memory \\
(perf.] \\
light-'d, [adj. Theft (apt.] -fern. \\
Ladies-HS. III. 4. \\
Finical. \\
Nice, [adj. Man. II. 6. E.] \\
[Conceited. adj. Ha. III. O.] \\
Finifb. TA.III. 7. \\
Finite. T. III. 6. \\
Fir. \\
male-Tr. V. 5. \\
female-Tr.V.S.A. \\
Fire. \\
Proper. El. I. \\
bone-[Fire 3 Joy.] \\
built for \(\}\) Triumph.] \\
light-[adj. Flame-] \\
wild-[Confection of Powder, adj. a. Fire (apr.] \\
-porks. \\
-brand. \\
- \(\left\{\begin{array}{l}\text { Fork } \\ \text { Shovel }\end{array}\left\{\begin{array}{l}\text { F. } \\ \text { Sh. }\end{array}\right\}\right.\) for- \(]\) \\
- lock. \\
Meteor. \\
-drake. El. I. 4. \\
licking-EI. I.6. A. \\
Difeare. . \\
St. Anthonic's-[Eryfipe- \\
las.] \\
Firestone, [Marchafite] St. I.3.A. \\
Firing, [Fuell.] \\
Firkin. \\
[Barrel (dim.] \\
Meafure. \\
Firm. \\
Faft, [adj. Q. VI. 5.] \\
-land, [Continent.] W. III. 2. \\
Conftant, [adj. Ha. IV. 7.] \\
Firmament. \\
[Starry heaver] W.II. \\
Firft. \\
[Ether] El.II. I. \\
In Number, [adj. Mea. II. I.] \\
In Dignity. [Principal.] \\
Fifcal, [adj. Exchequer.] \\
Fijgig. \\
Fihb. Fi. \\
-hook, [Hook for-] \\
-monger, [adj. Fiih (merc.] \\
-pond.' Po. I.6. \\
[Hunt Finh] \\
[a. Confers (end] \\
Fihherman, [Hunting (a rtift of Fifh \(]\) \\
Fisk. [Mo. II. (corr.] \\
Fiff,[Hand \(\left\{\begin{array}{l}\text { Folded.] } \\ \text { Contrated.] }\end{array}\right.\) \\
Fiffic, [Fiftach.] \\
Fiffulu. S. I. 7. A. \\
Fit.
\end{tabular} & \begin{tabular}{l}
- [adj. Congruity. T. v. s.] \\
[Congru- (proportion'd] \\
[Congru- difpored] \\
ounly \(\left\{\begin{array}{l}\text { prepared] } \\ \text { furnifhed }\end{array}\right\}\) \\
Opportune [adj.Time (perf.] \\
[Decent] \\
[Expedient] \\
a-T.VI. 6. A. \\
-officknefs, [a. Sicknefs.] \\
-of the morber. S. VI. 7. \\
to-[a.Fit.] \\
-withtbe like, [Compenfate.] \\
Fitch, vid. Vetch. \\
Fitcbef. Mo. II. (freq.) \\
crofs \\
Fitchew, [Polecat.] Be. IV. 5. A. \\
Fitting, vid. Fit. adj. \\
Five. Mea. II. 5 . \\
-bundred, \&c. \\
Fixed. \\
Faft, [adj. Q.VI. 6. E.] \\
[Nor adj. p. move (apt.] \\
[Obferving (int.] \\
Flag. \\
Figure. Mag. Iv. 7. A. \\
-of a Ship. RN. III. 7. \(-s b i p\). \\
[Sedge.] \\
-flower, [Irisi] \\
20- \\
[Be weak] \\
DDecay] \\
[Be limber] \\
rp. Through \(\left\{\begin{array}{l}\text { Weaknefs.] } \\ \text { Decay.] }\end{array}\right.\) \\
[Hang adv. limber] \\
Flagitions, [Vitious (augm.] \\
Flagon, [Cylindrical por.] \\
Flagrant. \\
[Inrenfe] \\
[Manifeft] \\
Flay, [Un-skin.] \\
Flail, [adj, a. Threfhing (inftr.] \\
Flake, [Lamin.] \\
Flam, [Ly,] \\
Flame. El.I. 1 . \\
Flank. \\
Side. \\
-of Animal. PG.IV. 5. A. \\
to-[a. Side.] \\
Flanker. RM. VI. 6.A. \\
-Flap. \\
vid. Flag. \\
[Strike] \\
[p. with Lamin.] \\
a-[adj. Limber (lam.] \\
[p. Hanging.] \\
fie-[Flap to drive away Flies.] \\
Throat-Cover (thing) of the \\
flaf. rough Artery.] \\
[Impetus.] \\
-0f fire, [Flame (imp.] \\
-of water, [Stream (im.p.] -y. \\
Tafte. \\
Waterifh, [adj. Water (like.]
\end{tabular} \\
\hline
\end{tabular}
\begin{tabular}{|c|c|c|}
\hline FL & L & \\
\hline \multicolumn{3}{|l|}{} \\
\hline & As & o in- fhut water]. \\
\hline x for Gunpowder.] arriage for Ordnance ] & As routed. RM. II. 3. D. & FLounder. Fi. VII.4. A Flour. \\
\hline Flasket, [Long Easket without Lid.] & [a Excers] & [Bert part] TM, VI. I. fp. of ground corni.] \\
\hline Flat. & & Bloffom. PP. II. I \\
\hline \begin{tabular}{l}
Corpor. \\
[Plain w. III.
\end{tabular} & ext & our Ladie's. \\
\hline [adj. Lamia] & [Fluis & -de luce, [ITis] \\
\hline [Shallow] TM.II. 3 & & -bulbows. HL. IV. \\
\hline [Low] TM. II. Lying] AC. VI. \%. 0 . & Dung-Ex.IV.4.A.
Flefb-Ex.IV.4• & [nberou.hio \\
\hline \[
\text { foot.PP. V. } 3 \text { A. }
\] & Shepherd's-[Crane-fly.] & [a. Powder] Pr. III. 7. A.
a, Bloflom. PP. II. \\
\hline Tranfcendent [Manifeft] & \(\xrightarrow[\text { V. }]{\text { Spanifh-[Cantharides }] ~ E x . ~}\) & Flourih. \({ }^{\text {a }}\), \\
\hline -Abfolure, [adj. T. I. 8. O.] & ch-HS. V. 2.A. & \begin{tabular}{l}
Flour] \\
a. Vigor.]
\end{tabular} \\
\hline [Sor & & [ \\
\hline & Flight, vid. Fly. & \{ Difcourfe orn \\
\hline (place & Fli & [Boaft] \({ }_{\text {Prelude, }}\) [Preparatory \\
\hline -in Mufic. Q. III. & \begin{tabular}{l}
[Start] AC. IV. s. \\
1 incermit (cimoroufly)
\end{tabular} & Prelude, [Preparatory
Mufic.] \\
\hline \begin{tabular}{l}
Flattery. \\
[Fawning]
\end{tabular} & forfake unfaithfuly & ] \\
\hline [Affertation] & Fling. 2bandon) cowardly & cream. \\
\hline H Latrulent, [adj. a. \(\{\) Indlation \(\}\) (make] & [Caft] Mo. VI. 2. -away, [Away-goc fudden- & \begin{tabular}{l}
Flow. \\
[a. River] \\
-ing tide, [Upward-tide.]
\end{tabular} \\
\hline \multicolumn{3}{|l|}{} \\
\hline Break \(\{\) (dim. \(\}\) & Flint. St. I. 3. & Flower, vid Flour. \({ }_{\text {Flu, [Nor-adj. p. far (por.] }}\) \\
\hline \multicolumn{3}{|l|}{\begin{tabular}{l|l|l} 
[Notch]
\end{tabular}} \\
\hline \multicolumn{3}{|l|}{[Bruife] [Woman (corr} \\
\hline \multicolumn{3}{|l|}{[Spot], [wind (imp.]} \\
\hline lawn, [Py of Milk and Eggs.] & D & Fluelin, "HS. VIII. 9. A. \\
\hline \multicolumn{3}{|l|}{Flax. HS.V. 12.} \\
\hline Toad' & F & dj. Difcourle (apt.] \\
\hline \multicolumn{3}{|l|}{Flea, Ex. 1.8. A.} \\
\hline -mort. HL. VII. 4.4 & Flitter, [Torn fragment.] & Fluke. Ex. I.
Flung.
adj.
aret. \\
\hline \multicolumn{3}{|l|}{} \\
\hline \multicolumn{3}{|l|}{} \\
\hline \multicolumn{3}{|l|}{} \\
\hline \multicolumn{3}{|l|}{. [adj. Phleboromy (inftr.] -meed. HS. IV. II. Mell Mellow} \\
\hline Fled, [adj. prer. Flie.] & Flock. & [Wholly of the fime colour] \\
\hline \multicolumn{3}{|l|}{\(\begin{array}{l}\text { Fledge, [Feathered.]. } \\ \text { Aggregate. } \\ \text { together, }\end{array}\) [a. Convention] Flute, [pipe]! \(]\)} \\
\hline \multicolumn{3}{|l|}{} \\
\hline \multicolumn{3}{|l|}{to [LIn-fleece:]
Fleet, [Swift]} \\
\hline \multicolumn{3}{|l|}{Fleet, [Swift].} \\
\hline \multicolumn{3}{|l|}{a-Navy, [Ships (aggr.] \(\quad\)\begin{tabular}{l} 
Floor. Po. \\
Elorentine.
\end{tabular}} \\
\hline Flegmatic, adj. Phlegm.] pleß. PG II. 6. & Florentine.
Florid. & \\
\hline \multicolumn{3}{|l|}{\begin{tabular}{l}
Flefb. PG. II. 6. \\
Florid.
\end{tabular}} \\
\hline \multicolumn{3}{|l|}{\(\left.\begin{array}{l|l|l}\text {-ly vid. Cural. } & \text { [adj. }\{\text { vigor] } & \text { [Purge] }\end{array}\right]\)} \\
\hline \[
\begin{aligned}
& 2 \text { Worldly] } \\
& \text { [adj. Luft] AC.II. g. }
\end{aligned}
\] & [adj. \(\left\{\right.\) Ornament \({ }^{\text {a }}\) & Fluxion. - \\
\hline  & \[
\begin{aligned}
& \text { Flofculous. } \\
& \text { [adj. Flower] } \\
& \text { (adj. Ornareners] }
\end{aligned}
\] & \begin{tabular}{l}
[Fluxing] \\
Foe, [Enemy]
\end{tabular} \\
\hline \multicolumn{3}{|l|}{io one, [Encourage.]
Fleither, [2dj. Bow (mech.] \(\quad\)\begin{tabular}{c} 
Flore. Mo. I. 3. \\
a-[Boat (like) of eogether
\end{tabular} Fodder \(\left\{\begin{array}{l}\text { Hay } \\
\text { Straw }\end{array}\right.\)} \\
\hline \multicolumn{3}{|l|}{\multirow[t]{2}{*}{}} \\
\hline & & \\
\hline id. & & Foil. \\
\hline Flexible. & Water (exc.] & Ggg [Over- \\
\hline
\end{tabular}






\begin{tabular}{|c|c|c|}
\hline GR & G R & GR \\
\hline ```
Goods.
    [Pofferfions]
    [Hourhold-1tuff]
    Googe.
Goofe. Bi. IX. I. A.
            green-[young-]
            ftubble-[autumnal-]
            Soland-Bi. IX.'4-
    -berry. Sh. I: 3.
    -foot. HF.I. 9. A.
    -grafs. HL.IX. 9. A.
    -neft.
                    (cd.]
Gorbelied, [Protuberantly belli-
Gore, \(\left\{\begin{array}{l}\text { Congealed } \\ \text { Coagulated } \\ \text { Gellise }\end{array}\right\}\) blood]
    10-[Prick (augm.]
            fp. with Horn.」
Gorge.
    [Gullet]
    [Stomach]
            [p. of Bird.]
        to
        [Feed]
        [Fill]
Gorgeous, [Or- \(\{\) (augm.]
            namented \(\{\) (exc.]
Gorget.
    [adj. Neck (armor]
    [Linen (veft) for fhoulder]
Gors, [Furz.]
Gofling, [Goore (young.]
Gopel, [adj. Evangelift (thing.]
Gofshamk, [Biggefl long winged
Hawk.]
Go \(\sqrt{2}\) ip.
[Child's Godfather]
[Companion for mirth]
-ing, [Women's Conven-
tion for mirch.]
Govern.
[ v . Magiftrate]
[Authority]
[Direction]
good-ance. Man. VI. s.
ill-ance. Man. VI. s.0.
Governor, [adj. Govern(perfon.]
Gongeon. Fi. IX. 11.
Gourd. HS. VII. 2.
Gourmandize
[v.Gluttony]
[Eat gluttonoully]
Gournet
Red-Fi.IV. 4.
    Grej-Fi.IV. 4 A.
Gout. S. II. 7.
Gown, [Loofe long (veft]
Gozlings, [Gooic (young.]
Grace.
\{Favour]
\{Rerpeat]
\{ a. Gracioufnefs]
\{Privilege]
\(\{\) Elegance]
\{Ornament\}
Infured habit. Ha V. \({ }^{-}\)
-lefs, [Ungracious]
Before 3
\(-\left\{\begin{array}{l}\text { Bfter }\end{array}\right\}\) meat.
Gracious.
[Thankrgiving] RE.IV.
[adj. p. Favour]
``` &  & \begin{tabular}{l}
Finger-HL. III.8. A. \\
Goofe-HL. IX. 9. A. \\
Hairy-HL. III. 9. A \\
Knot-HF. I. 4. \\
Medow-HL. III. 10. \\
Oate-HL. III. 8. \\
\(\left.\begin{array}{l}\text { Pearle } \\ \text { Ruaking - }\end{array}\right\}\) HL. III. 9. \\
Scorpion-HS. III. 12. \\
Scuru-HL. VI. 13 \\
Silk-HS.IV.3.A. \\
-of Parnaffiw. HL. VI. 7. A. \\
-hopper, [Locuft] Ex. II. I. \\
Grate. \\
[Squares (plain] \\
[Fewel (jug.) of parallel pins (augm.) Net (like] \\
10 - \\
[Rub] \\
\(\left\{\begin{array}{l}\text { Powder } \\ \text { Un-skin }\end{array}\right\}\) with rubbing.] \\
[a. Difpleaing] \\
Grateful, [adj. Gratitude.] \\
Gratifie. \\
[Merit thanks]. \\
[a. Bencfactor] \\
[2. Complaifance] \\
Gratings, [adj. Net (fig.) \\
Scuttle.] \\
gratis. \\
[Not-hired] \\
[Withour wages] \\
Gratitude, Man. I. 6. \\
Gratuity, [Gift] \\
Gratulate, AS. VI. 6. \\
Grave. \\
—Difpofition. NP. IV. 3- \\
-Converfe. Man. IV. 6. \\
[Old (like] \\
-sound. Q. III. I.D. \\
SO.IV. 6.A. \\
-ing 2 RN.VI. 2. A。 \\
a-[Burial (room] \\
Gravel. St. I. 8. A. \\
ro- [make not adj. a. travel \\
(abftr.] \\
Gravy, Pr, I. 6.A. \\
Gravity, \\
Weight. Q V.4. E. \\
[Serioufnels] NP. IV. 3. \\
Difcreet carriage. Man. IV. 6. \\
Graze. \\
[Ear Grass] \\
-ier, [Merchant of fat Cattel.] \\
[Touch with reflecting.] \\
Greas. \\
[Soft fat] \\
Great. \\
[Worft parts of fat] \\
adj. Magnitude. TM.I. I. E. \\
-with Child, [adj. p.impregnate..] \\
-with one, [Familiar (aug.] bow-[Of what magnitude] \\
the-[Total-work to be done] \\
[adj. \(\left\{\begin{array}{l}\text { Dignity] } \\ \text { Power }\end{array}\right]\) \\
[Tranfc \(\left\{\begin{array}{l}\text { augm. } \\ \text { Intenfe }\end{array}\right\}\)
\end{tabular} \\
\hline
\end{tabular}

\begin{tabular}{|c|c|c|}
\hline H A & H A & HA \\
\hline \begin{tabular}{l}
Guirt \\
[Guirded] \\
[Compars] \\
Horfe-[-Girdle] \\
Guife. \\
\{ Manner] \\
\{Cuftom] \\
[adj. Cuftom (manner] \\
Guitter. \\
Guittern \\
Gulch, [Short fat (augm.] \\
Gules, [Red] \\
Gulf. \\
[Bay] \\
Gull. \\
Whirl-pool] \\
Fifh, [Miller's-thumb] Fi. IX. 12. \\
Bird. Bi.IX. 9. \\
[Goole (young] \\
[Young (perion) adj. p. fraud (apt.] \\
to-[a. Fraud] \\
Gullet. \\
Weafand. PG. V1. I. \\
[Stream (dim.] \\
Guligut, [Glutton] \\
Gulp. [Swallow (imp.] \\
Gum. \\
一of tree. PP. I. 6. \\
-Ammoniac, [Concrete juice of Giant Fennel] \\
-Anima. Tr. VIII. 40 \\
-Arabic. Tr. VIII. 2. \\
-Dragon, [Gum of Goat's thorn.] \\
-Elemi. Tr. VIII. 3. \\
the-s, [Parenchyma of the Teeth.] \\
Gummy, [Stiff] \\
fp. with p. Gumming.] \\
Gun RM. V. 6. \\
-ner. RN. V. 3. \\
-powder. RM. V.7. A. \\
Gurgions, [Worft part of Meal.] \\
Gurnard, vid. Gournet. \\
Guff, [a. River (imp.] \\
Guffet, (Quadrangular (thing) to be beiween-fow'd] \\
Guff. \\
Sente. NP.III. 4. \\
Quality. Q. III. \\
of yoind [Wind (imp.] \\
Gutt. PG.VI. 4. A. \\
-wort.Sh. VI. 2.A. \\
Gulter. Mag. V. 6. O. \\
Guttural, [adj. Throat] \\
Guzzle, [Drink (augm.] \\
Gypfie, [Wandring wizard] \\
Gyrfalcon, [Hawk for Herons] \\
H. \\
HAak. Fi. III. 3. A. \\
Haberdafler. \\
-of Hats, [Merchant of head (veft.] \\
-offmall wares. \\
Haberdin. \\
Habergeon, [Armor for trunk] \\
Habiliment, [Armament]
\end{tabular} & \begin{tabular}{l}
Habit, \(\left\{\begin{array}{l}\text { Quality } \\ \text { Condition }\end{array}\right\} \begin{gathered}\text { adj. cu- } \\ \text { ftom.] }\end{gathered}\) Quality. Ha. of the mind. \\
Infured. Ha. V. \\
Acqui- \(\{\) Intelleftual. Ha. VI. red. 2 Moral. ManoI. \\
of the body, [Temperament of the body.] \\
of Clothes, [Clothes \({ }^{\text {(manner] }}\) [Condition] \\
CCuftom] \\
Habitable, [adj. p. Dwelling. \\
(abftr.] \\
Habitation, [Dwelling.] \\
Habitual, [adj. Habic.] \\
Habitude, [Relation.] \\
Heck, Cut, fp. \(\left\{\begin{array}{l}\text { (corr.] } \\ \text { (ruggedly] }\end{array}\right.\) \\
Wacknes, [Hired (freq.] \\
Had. \\
[Was, pret.] \\
[pret. Have' \\
Haddock, Fi.III. 2. \\
Haft, [adj. p. Hand (part.] \\
Hab, [Old deformed woman.] \\
Haggard, [Wilde.] \\
fp. Hawk.] \\
Haggefs, [Pudding of Flefh minced. \(]\) \\
Haggle, \(\left\{\begin{array}{l}\text { Treat } \\ \text { Commerce }\end{array}\right\}\) rp. cor.] \\
Hay. Pr. VI. I. \\
[ Net ] \\
Hail. \\
Metcor. El. III. s . \\
Sound. NP. V. 2. \\
to- [Salute] \\
Haillard, [Rope for hoifing the mizzen Sail.] \\
Hair. PP. VI.I. \\
—Cloth. Pr.IV. I. A. \\
-Lace, [Ribband for binding the hair of the head.] \\
-brain'd, [Conceited.] \\
-y river weed. HL. I. Io. A. \\
Maiden- \\
Haiward, [adj. Paflure ;(Off.] \\
Hake, [Spit (end) oux of the Throte.] \\
Halbard. RM. V. 3. A. \\
Halcyon, [King-fifher.] \\
-daies.
\[
\left[\begin{array}{l}
\text { adj. Calm-] } \\
\text { adj. Peace一 }
\end{array}\right]
\] \\
Hale, [Pull] \\
Half. \\
so- [Equal partner.] \\
-moon, Fortification. RM. VI. 5. \\
Hulibat. Fi. VII. 5. \\
Halimus. Sh. VI. 6. \\
Hal, \\
[Firft room (augm.] \\
[adj, Convention (room]: \\
[Civil convention] \\
-day, [Day of Conventi- \\
Hallow. \\
[Confecrate] \\
[Exclaim]
\end{tabular} & \begin{tabular}{l}
Halm, [Straw.] \\
fp. of Peafe.] \\
Halo. El. V. 2. \\
Halfer, [adj. Ship- adj, drawing (arm.] \\
Halt. MaI. I. A. \\
onake a-[Stay] \\
Halter, [Cord with Loop in the end (part] \\
[adj. Hanging (arm.] \\
[adj. Neck-bonds] \\
Ham, [Hollow (part) behind the Knee.] \\
Hamlet, [Houres (agg.] \\
Hammer. Po. VI. 2. A. \\
[a. Hammer] \\
[2. Speak (manner) difficultly. 1 \\
Hammock, [Hanging bed] \\
Hamper, [Basker (augm.] \\
To [Tangle] \\
Hanch, [Ercech.] PG.IV. 6. \\
Hand. PG. V. 3. \\
-basket, [B. adj. p. carry (apt.) in hand.] \\
-breadth, [Meafure ofh. b.] \\
-full, [Capacity of the hand.] \\
 \\
-mill, m ure (apt.) with \\
- fane; \(\quad\) f. hand. F \\
-kerchief, [adj. wiping (linen] \\
-maid, [Servant (fem.] \\
-over bead, [adr Carelefnefs.] \\
rofadj. Contiguous (pot.] \\
at- \(\left\{\begin{array}{l}\text { Prefent } \\ \text { Near }\end{array}\right\}\) \\
at no-[Not, not] \\
before-[adv. Preventing.] \\
by \\
from-to mouth, [adv. Necerfary (fegr.] \\
in- \(\left\{\begin{array}{l}\text { Prefent] } \\ \text { Poffefled }\end{array}\right.\) \\
in-wirb \(\left\{\begin{array}{l}\text { adj. pret. Begin] } \\ \text { Endearouring] }\end{array}\right.\) \\
[Endeavouring] \\
bear in-\{ \(\left.\begin{array}{l}\text { Seem } \\ \text { Beliere }\end{array}\right\}\) make] \\
go in -with, [Begin.] \\
take in-[Undertake] \\
in the turnirg of an- While \\
one could owrn his-] \\
our of [Soon (augm.] \\
\(\{\) To-event] \\
cometa- \(\left\{\begin{array}{l}\text { To-crame } \\ \text { Be rat }\end{array}\right]\) \\
* get the-of one, [a. Vittory] \\
\(\left.\begin{array}{l}\text { left }-31 \\ \text { right- }\end{array}\right\}\) ride] \\
Set ones-to \(\left\{\begin{array}{l}\text { Sign } \\ \text { Affift }\end{array}\right]\) \\
under- \(\left\{\begin{array}{l}\text { Inferior } \\ \text { Secret }\end{array}\right]\) \\
under ones-[Signed by one] \\
wpper-[ViAory] \\
on both_s, \(\left\{\begin{array}{l}\text { parts } \\ \text { Sides }\end{array}\right]\) \\
man of his-s, [Nimble]
\end{tabular} \\
\hline
\end{tabular}



\begin{tabular}{|c|c|c|}
\hline HO & HO & H U \\
\hline  & ```
Hood, [adj. Cover (veft]
    -for head, [Face-covering
        head (reft.]
        -roink, [Cover the eyes.]
    Token of Degree, [Loofe ad).
        fhoulder (yett.]
Hoof. PP. VI. 9.
    to-[Un-hoof]
Hook. Mag. IV.8.
    By-or by crook, [By right or
        wrong.]
    -ed, [Curve.]
Hoop, [Ring \{of Wood.]
        (augm.) \{Iron, \%c.]
    Bird. Bi. III. 8. A.
Hooper, [Wild fwan] Bi.IX. I.
Hoopine, [Acute exclamation.]
Hoord, [Lay up] TA.V.4.
Hootine, vid. Hooping.
Hop.
    Plant. HF. I. s. A.
    [Leaping] Mo.I. s.
Hope.
        -on one leg, Mo.I. s.A.
    Affection. AS. 5. 6.
    paft-[adj. \(\left\{\begin{array}{l}\text { a. } \\ \text { p. }\end{array}\right.\) Derpair.]
    Grace. Ha. V. 5 .
Hopelefs, [adj. \(\left\{\begin{array}{l}\text { a. } \\ \text { p. }\end{array}\right.\) Defpair.]
Hopper.
Horary, [adj. Hour.]
Horde, [Lay up] Ta. V. 4 .
Horehound.
    Bafe-HF. VII. 2.
    Black-HF. VII. in, A.
    White-HF. VII. 6. A.
Horines, [Mould] HL. I. 1. A.
Horizon. W. VI. I.
Horno
    Proper. PP. VI. 6.
    [Angle]
        -owl.Bi, I. 4.
        -work. RM. V1. S. A.
Horn-beam. Tr. VI. 4. A.
Hornet. Ex. IV. 2. A.
Herof cope.
Horrible, \{ adj. a. Fear \(\}\)
Horrid, \{Evil (augm. \}
Horror.
    [Fear (augm.
    [Rigor through Fear]
Horfe. Be.I. I. fp. (male]
    to
        -a man, [Ride (make.]
        fp. on Horfe.]
        -a Mare, [a. Coition with
        Mare.]
    on-back, [On horfe]
-cloth, [Horfe's ven]
- courfer, [Horfe (Merc.]
- foal, [Young horfe (male]
-leach.
[Phyfician for Horfe]
Inlect. Ex. I. 2.
-litter, [Sedan adj. p. carried
between Horles.]
-man.
[Rider]
Souldier. RM. III. 1. A.
-boof. HL VI. 3.
- tail. RL, IX. 7.
``` & ```
-rongue. Sh. III. 7.A.
    -fil.
    -mint.
    -radifb.
    - Booe. HS.III. 6.A.
    Sea-[Morfe] Be. V. 3 .
    Wooden-[Horfe (like) juga-
            ment.
Hortulane. Ei. IV. 2. A.
Hofe.
    [Leg (veft]
    -Breeches]
Hofier, [adj. Hole (merc.]
Hoitable, [adj. Horpitality.]
Ho \({ }^{2}\) ital,\(\left\{\begin{array}{l}\text { Sick } \\ \text { Poor }\end{array}\right\}\) men's houre.]
Hogitality. Man. III. 6.
Hoftage, [adj. Pledge (perion]
Hofte.
    [adj. Eucharift bread]
    [Army]
    op. to Gueft. RO. III.9.
        to-[a. Gueft]
Hoftility, [Enemy (abftr.]
Hoft ler, [Horfe [Off.]
Hoftry, [adj. Hofte (houre]
Hot, [adj. \{ \(\left\{\begin{array}{l}\text { Heat } \\ \text { Zcal }\end{array}\right\}\)
    —houfe, [Stove]
Hotcbpotch, [Mix xare (corr.]
Hoveh [Houle (dine.]
            rp. nat walled.]
Hovering. Mo. I. 2. A.
Hough, vid. Hoof, [Lower joint
            or hinder Leg.
Hout [adj. Weeping (voice.]
Houlet, [Owl.]
Hound, 'Doghunting wild beafts
by (mell.]
- fifh. Fi. I. \(4-\)
spotted-Fi. I. 4.A.
-'s tongue. HL. IX.4.A.
Hour. Mea, v. 8.
celafs. Mag. VI. 5. A.
Houfe.
Building. Po. II, I.
-breaking. RJ.III. 8. A.
-burnme. R]. III. 8.
to- [a, Houre]
-ed, [Poffeffing houfes.]
    [Family]
    [Kindred]
Houhbold, [Together-adj. houre
            (aggr.]
    -bread, [Courfe bread]
    -ftuff, [UTenfils.]
Houfe-keeping, [Family-office.]
Hongleek, HL. VIII. I.
Hout, [Exclamation.]
            [p. a. Mocking.]
How.
    [In what manner]
    -then, [-therefore.]
    op. to So. Adv. IL. I.
Howbeit, [Although]
Howfoever, [How, how.]
Hu, [Colour.]
Ha and cry, [Purfuit fucceeflive]
Huck, [Treat, \{ (augn.]
Hucklebone. PG.V.4.A.
Finckfter, [Merchant (corr.]
sinddle.
``` \\
\hline
\end{tabular}



\begin{tabular}{|c|c|c|}
\hline IN & N & N \\
\hline & [ndividual, [Singular.] & Infidel, [adj. Infidelity (perfon] \\
\hline Incurfion, [Affault] & Indivijible, [Noo- adj. p. divide & Infidelity. Ha. V.4.O. \\
\hline \begin{tabular}{l}
Indammage, \(\{\) Lors \(\}\) \\
[a. [ Hurc]
\end{tabular} & (por.] (Dull. Ha. III. r. O. & \begin{tabular}{l}
Infintte, T. III. 6. O. \\
Infirm, [Weak]
\end{tabular} \\
\hline Indanger, [a. Dangerous] & Indocil, \(\left\{\begin{array}{c}\text { Not-adj, p. } \\ \text { (apt }] \text { learn }\end{array}\right.\) & Infix, [In-fix] \\
\hline Indebr, [a. Debt] & \{a. Teacher] & [a. Flame (make] \\
\hline \begin{tabular}{l}
Indecent. T. V. 2.O. \\
Indeclinable, [Not-
\end{tabular} & IndoItrinate \(\left\{\begin{array}{l}\text { a: Learning } \\ \text { a: }\end{array}\right]\) & [2. Worfe (make] \\
\hline cline (por.] & Indolence. NP. V. 3.
Inderfe, [Write on the hind & \begin{tabular}{l}
Inflamation. S. I. 4. A. \\
Infate, [Swell with Wind]
\end{tabular} \\
\hline Imdecorum, [ad). Inde & \({ }^{\text {part] }}\) [ & Inftution. S. I. S.A. \\
\hline & Indow. & Inflexib:enefs. \\
\hline [Truly] Adv. I. 2. A [adv. Thing] & \[
\begin{aligned}
& \text { rmane } \\
& \text { Poffefl }
\end{aligned}
\] & \begin{tabular}{l}
[Stiffners] \\
Conftancy]
\end{tabular} \\
\hline \[
\left\lvert\, \begin{aligned}
& \text { Indeer, [adj. p. Love (make] } \\
& \text { Indefatigable, [ }
\end{aligned}\right.
\] & Indue, [adj. a. Quality.] & \{Pertinacy \\
\hline ry (pot.] & Inducement & Infila. \\
\hline \begin{tabular}{l}
Indefinite. \\
Not-d
\end{tabular} & \[
\text { [adj. Impulkive (hing } \text { [adj. Perfuading ching] }
\] & [a. Ation] [p.adv. Punifhment] \\
\hline Not-limited] & InduEtion. D. IV. 8. & [Execure]
Influence. \\
\hline Indeleble, [Not-delebie] \(\begin{aligned} & \text { Indemnifie, [Preferve from adj. }\end{aligned}\) & & \\
\hline p. hurr] [ & [Gracioufnefs] & Effectivity] \\
\hline \[
\begin{aligned}
& \text { Indemntry, [Not- p. Hurt] } \\
& \text { Indent. }
\end{aligned}
\] & \begin{tabular}{l}
ondnels \\
ope's-[P.Pardon
\end{tabular} & \begin{tabular}{l}
p. Secret] \\
[p. of Heavenly bodices]
\end{tabular} \\
\hline \[
\left[\begin{array}{l}
\text { a. } \left.\left\{\begin{array}{l}
\text { Norch } \\
\text { Dent }
\end{array}\right\} \text { (line] }\right] ~
\end{array}\right.
\] & Indurate, [a. Hard (make] Indufry, [Diligence] & \begin{tabular}{l}
Infold, [ In -fold] \\
Inforce, [3. Coaction
\end{tabular} \\
\hline  & Inebriate, [adj. p. Drunkenners & Inform. \({ }^{2}\) \\
\hline entures, [Bonds of reciprocal & (make] & el] \\
\hline Obligation] [ilute]TM.IV. 3 & Ineffable, [Not-2dj. p. fpeak & [p. Privately] \\
\hline Independent, [A blolute & & Teach]; \\
\hline Indeterminate, [Infinite]
6.0. & Incftimable, [Nor adj. p. & (ad \\
\hline devour. TA. IIL. \(4 \cdot\) ' & Inevitable, [Not-adj, p. avoid & \[
\text { Infortunates, } \begin{gathered}
\text { (corr. } \\
\text { Adverfe }
\end{gathered}
\] \\
\hline Index. & Inevitable, [Not-adj. p. avoid (poct.) & \begin{tabular}{l}
Adverfe] \\
Infringe, [Violate]
\end{tabular} \\
\hline Indication, [a.Sign] & Inexcufable, [Not-adj, p. excuse (por. & \begin{tabular}{l}
Infufe. \\
Steep] O. V. 7.O.
\end{tabular} \\
\hline \begin{tabular}{l}
Indication, [a.Sign] \\
Indistion, [Space of 15 years]
\end{tabular} & Inexbauftible, [Not-adj. p. emp & [Infpire] \\
\hline Indifferent. \({ }^{\text {a }}\) & Inexorable. & \[
\begin{aligned}
& \text { Ingage, [Obliz }
\end{aligned}
\] \\
\hline TM. I. I. & [Not-adj.p. \(\{\) Perfuade] Inexperience. Ha, VI. 4. D. & \begin{tabular}{l}
Ingeminate [Repeat (freq.] \\
Ingender, [a. Generation]
\end{tabular} \\
\hline \[
\text { Between }\left\{\begin{array}{l}
\text { Excelient and } \\
\text { forry. TM. } \\
\text { Intenfe and re. }
\end{array}\right.
\] & Inexpiable, [Not Un-adj. P. guilty
(potio & \[
\begin{aligned}
& \text { Ingender, [a. Generation] } \\
& \text { Ingenious, }\left\{\begin{array}{l}
\text { adj. Fancy (perf.] } \\
\text { Sprightly] }
\end{array}\right.
\end{aligned}
\] \\
\hline mifs.] TM.I. 8. & Imexplicable, [Not- adj. p. plai (por.] & \begin{tabular}{l}
Ingenиоиs. NP. IV. I. \\
Ingeftion, [In-putting]
\end{tabular} \\
\hline [Nor-unlawful] T.V. I.A.
adj. Moderation] & Inextricable, [Not Un-adj. tangle (por.] & \begin{tabular}{l}
Ingle. \\
Inglorions, [Not- adj. p. repura-
\end{tabular} \\
\hline [ad). Moderation & Infalible, (Not- adj. erre & Inglorions, [Not- adj. P. repuration] \\
\hline [Nor-\{ party] & - (pot & Ingor, [Lump (dim.] \\
\hline Indigent. & Infamation. RJ. VI. 6. & fp. of Fined meta \\
\hline Deficient & Infamy, Ha, IL. \(4 . \mathrm{O}\) & Ingraft. O. III. 7. \\
\hline [Deficlent] & Infanc. Mca, VL. 1. Infantry. & Ingrail, [a. Tooth Matg. IV. a. \\
\hline [Nor-digefting] & [Fooumen] RM. III. I. (kind) & ratiate, [adj. p. Favor \\
\hline Indign, [ & Infatuate, [adj. a, Felly (make] & \\
\hline Indignation. & Infeat. S. I. İ. & Ingratitude. Man \\
\hline Indignity, \(\left\{\begin{array}{l}\text { Difgrace } \\ \text { Affront }\end{array}\right.\) & Infeeble, [adj. a. Weaknefs (make & gredient. \\
\hline Indirets. & Infelicity, [Adverfity] & \\
\hline & Infeoff. & [adj. a. Compounding \\
\hline Wronb] [F &  & \\
\hline Indificretion, [Folly] & & Into \\
\hline Indi¢ofition. & Infer, [a. Infer & [Licenfe of into-going] \\
\hline \begin{tabular}{l}
[Difpefition (co \\
Not-health'
\end{tabular} & Inference. D. IV. & Ingrofs. \\
\hline Indifoluble, [Not-adj. proofing &  & Write (perf.] \\
\hline \begin{tabular}{l}
por.] \\
por.]
\end{tabular} & op. to Equality. TM. I. 5. D Relation of-RO. III. O. & [Buy all]
Ingulf, [a. Whirl-pool] \\
\hline [Not-diftina] & Infernal, [adj. Hell] W.II. O. Infertile, [Barren] & Ingurgitate, [In-\{wallow
Inhabit, [Dwell] \\
\hline & & Inhabit, [Dwell] Inberent \\
\hline
\end{tabular}

\begin{tabular}{|c|c|c|}
\hline I N & 1 N & \(\int \mathrm{O}\) \\
\hline Intercourff, [Commerce] \({ }^{\text {d }}\) ] ind & [a. Narra- concealedly] tion obfcurely] & \begin{tabular}{l}
[Intreat to come] \\
[Provoke]
\end{tabular} \\
\hline \begin{tabular}{l}
Indercurient, \\
on.
\end{tabular} & -friend, [Friesd (augm.] & Inundation, [Overflowing] \\
\hline Interdiat, [Forbid] & Intire. & Invocate.
[Call]] \\
\hline Intereft. & Whole] & Pray \({ }^{\text {c }}\) \\
\hline \begin{tabular}{l}
[Concernment] \\
[adj. Pertinent
\end{tabular} & adj. Integrity] & Involve, \{ Comprchend] \\
\hline [Proper profir] & ght (make] & Involuntary, [Nor-adj. p. will.] \\
\hline [Right] Ufury [Rent of & [Name] \({ }_{\text {Into. Prep. }}\) & Invulnerable, [Not-adj. p. wound \\
\hline Interfere, [Strike mutually.] & \begin{tabular}{l}
Into. Prep. \\
Intolerable.
\end{tabular} & \\
\hline \(\mathrm{fp} .\left\{\begin{array}{l}\text { Hurt } \\ \text { Hinder }\end{array}\right\}\) & \(\begin{array}{l}\text { [Not- } \\ \text { adj. p. }\end{array}\) fuffer Permit\(\}\) por.] & \(7{ }^{\text {\% b }}\). \\
\hline Interjacent, [Between-being] & Intoxicate. & fob \\
\hline Interieffion. D. II. 7. A. & \begin{tabular}{l}
[2. Fume (augm.] \\
[adj. p. Drumkennels (make]
\end{tabular} & \begin{tabular}{l}
[Knock (dim.] \\
Fob's cears HL III 7.A.
\end{tabular} \\
\hline Interim, [Eetween-pace.] Interier, [adj. Infide] & Intraflable, [Perverfe] & focular, [adj. Urbanity] \\
\hline terlace. & Intrada, [Revenue] & Focun \\
\hline [ & \begin{tabular}{l}
Intralls. PG. VI. \\
Intrap, [2. Trap]
\end{tabular} & [adj. \\
\hline \begin{tabular}{l}
[Stratifie] \\
Interlard,
\end{tabular} & Iutrea & fog. \\
\hline Interla, & [Pray] RO. & \(\{2\). \\
\hline deifi & Entertain] Intrench, [a.T & a. Shaking
C-ing, [From-go] TA. VI. \\
\hline -a. Stratif & Intricate. & \\
\hline Interlope, & \[
\left[\begin{array}{c}
\text { Tangle }] \\
\text { a. Difficu }
\end{array}\right.
\] & Sc. Fobn's woort, H St. Fohn's Breed, \\
\hline Inter & [adj. p. Conc & \\
\hline Intermeddle. [With-mi & [adj. Obrcure &  \\
\hline [Between a. bufinefs.] & Intrinfecal, [adj & Mirth \\
\hline Intermediate. &  & \\
\hline [Middle] & Pr & ev \\
\hline Intermingle, \({ }^{\text {a }}\) & rde, & \\
\hline Intermit, (adj. p. Difcon & Intruft. & ratu- \\
\hline Intermix & [Depofite & Foin. \\
\hline Internal, & Intuition. [Sec & To \\
\hline Interpellation. & & \\
\hline difcourfe by between-speak-1 & Affa & 2. \\
\hline ing.] & Tiulid & Affociate] \\
\hline terpolation. & Invalid. & \{a. Partner \\
\hline [Berween-put]
[p. adj. p. Forgery (ching] & [Impotent] & a. League] \\
\hline \begin{tabular}{l}
Interpofe. \\
.p. ad). p. Forgery (thing]
\end{tabular} & [Defentive] & \\
\hline [Berween-put] & Inv & company, travel, \(\}\) \\
\hline [a. Interceflion] & Inveck, [1. Notch (linc] & [dj ac.] \\
\hline Interpretation. D. V & Invedrue, [3d). Reviling (thing] Inveigh, [a, Revile] & -er, [adj Fabrile (mech.) of \\
\hline Interr [Eury] & & \\
\hline Interr, [Eury] & & [adj. p. Join \\
\hline two a. Kings.] & &  \\
\hline Interrogation, Quef &  & mm. P \\
\hline Interrogatory, [adj. p. Queftion (thing.] & Inventor, [Catalogue] & out of -[Having its Joint \\
\hline Interrupt. & [p. of Poffeffions.」 & \\
\hline \[
\begin{aligned}
& \text { [adj. p. Difcol } \\
& \text { [Hinder] }
\end{aligned}
\] & Invert.
\[
[\text { Turn }] ~ A
\] & \begin{tabular}{l}
to- [Cur the Joints.] \\
thure, [Widow's Revenue.]
\end{tabular} \\
\hline Interfettion. M & & \\
\hline Interval, [Between-fpace] & In & \\
\hline Intervene, [Between- a. event] & Invef, [2. Adm & - \\
\hline Intefiate, [Not- adj. a. preter. & Invefti & \\
\hline bequeathing.] & & caping (ljke.] \\
\hline Inteftine, [adj. Infide] & come (pot.] & \\
\hline Inthrall, [a Slave (make] & Inviolable, [Not-adj. p. violat & lith \\
\hline \begin{tabular}{l}
Inthroning, [On-cating] \\
fp. for Admiffion (fign]
\end{tabular} & (por.]' & , vid. Эupite \\
\hline Intice, [Allure] & Inviron, [About-margin] \({ }^{\text {a }}\) ] & [adj. Mirth \\
\hline Intimate. : & Invifitle, [Not- adj. p. ice (pot.] & urnal, [Narration of daily \\
\hline \[
1
\] & Invite. & [things.] \\
\hline
\end{tabular}


\begin{tabular}{|c|c|c|}
\hline LA & LA & L A \\
\hline \begin{tabular}{l}
\{Condition \(\}\) \\
\{Place \}(pur] \\
-about him, §a. Operation \\
(augm.] \{2. Diligence] \\
-afide. \\
[a. Defift] \\
[Un-a. Officer (make] \\
-down, [Defirt] \\
-on, [On-put] \\
-out for \(\left\{\begin{array}{l}\text { Take (end] } \\ \text { Get (end) } \\ \text { Disburfe for) }\end{array}\right.\) \\
-to one's charge, [a. Accule.] \\
-to ones Wrift, [Apply] \\
-rogether, [a. Summe] \\
\(-и р\). TA. V. 4. \\
-land, [a. Refi from plowing.] \\
-a cloth, \(\left\{\begin{array}{l}\text { Put } \\ \text { Spread }\end{array}\right\}\) table.] \\
- egs, [a. Parturition] \\
| foundation, [a. Foundation.) \\
—hands on, 25 Catch] \\
-hold on, \(\}\) Arrefi \\
-level, [a. Level (make] \\
-open, [a. Open (make] \\
- Jiege to, [Befiege] \\
-wager, [a. Wager \\
-wait, [a. Amburh] \\
-land, [adj. Reft land] \\
-man, [adj. RE. O. (perfon. \\
[Song] \\
[Wagering] \\
\{ Rank] \\
[Courle] \\
Laic, [Temporal] \\
Laire. \\
[Deer's lying (place] \\
Stratife] \\
Lake. W.IV.2.A. \\
Tree. Tr. VIII. 8. \\
Lamb, [Sheep] Be.II. 2. (young) \\
to-[v. Parturition] \\
Lame. \\
[Mutilated] \\
[adj. Halt (apt.] \\
Lament. \\
[Grief, \{ \{ (fignt] \\
Lamin. Mag.V. 4. \\
Lamm, [adj. Cudgelling] \\
Lamp. Pr. VI. 3. A. \\
Lamprey. \\
Fifh. Fi. VI. 5. \\
Difeafe. \\
Lampril. Fi. VI. ร.A. \\
Lanar, \(\left\{\begin{array}{l}\text { Woolly } \\ \text { S feathered }\end{array}\right.\) \\
-et, [Lanar (male.] \\
Lance. \\
[Short Pike] \\
Burning-[Dare.] EL F. 4.A \\
Lancea ardens, [Dart] El. I. \\
4. A. \\
Lance-knight, [Foot-fouklier]
\end{tabular} & \begin{tabular}{l}
Lanceprefado,[adj. Military(Off.) \\
over 10.] \\
Lancet, vid. Launcet. \\
Lanch, [2. Navigation (inc.] \\
Land. \\
[Earth] \\
[Field] Po. I. arable-Po 1.4. \\
[Countrey] RC. III. 2. \\
- loper, [adj. Wander (perfon. \\
-mark, [adj. Margin(fign.]
\(\qquad\) \{ Come Bring \}on fhore.] \\
Landlord \\
\{adj. pret. Decnifing \} \\
\(\left\{\begin{array}{l}\text { adj. pret. Deaining } \\ \text { ad. Righr }\end{array}\right.\) (perron of \(\left\{\begin{array}{l}\text { Houre. } \\ \text { Land. }\end{array}\right]\) \\
[Hoft] \\
Laidrefs, [adj.
Wafhimg \(\left\{\begin{array}{l}\text { (mech.] } \\ \text { (fem.) }\end{array}\right.\) Wathing \{ fem.] \\
Landskip, [Pi\&ure of Countrey.] \\
 \\
Lap. \\
-of garr-\{ Comer \(\}\) of ment, \(\{\) Margin \(\}\) veft.] [Space upon the knees] \\
-dog, 「Little Dog kepr onely for delight.] \\
-of ear. \\
to- \\
25 a Dog, [Drink by lick- \\
ing.] \\
-up warm, \{ Fold \(\left.\begin{array}{l}\text { Clothe }\end{array}\right\}\) for warneth.] \\
Lapidary, [adj. Gem (merc.] Laple. \\
\(\left\{\begin{array}{l}\text { Srumble (dim.] } \\ \text { Fall] }\end{array}\right.\) \\
\{Fall] \\
[Lofe by omiffion] \\
Lapwing, Bi. vif. s. \\
Larboord [Left fide] \\
Larceny, [Theft.] \\
Larch-tree. Tr. V. 3.A. \\
Lard. [Fat of Swine] to-Pr. III. 8. \\
-er, [adj. Fleht(room.] \\
Large.
\[
\left[\begin{array}{l}
{\left[\begin{array}{l}
\text { Ample } \\
\text { Broed } \\
\text { Great }
\end{array}\right]} \\
{\left[\begin{array}{l}
\text { Abrandant }
\end{array}\right]}
\end{array}\right.
\] \\
[Liberal]
\[
\text { at-[Not-\{ }\left\{\begin{array}{l}
\text { cohibried }
\end{array}\right]
\] \\
[adj, Liberty] \\
Largefs, [Gift (augm.].
\end{tabular} & \begin{tabular}{l}
Larixtree. Tr. V. 3.A. \\
Lark. Bi. V. 4. \\
Sed-Bi. VII. 3. A. \\
Tit-Bi. V. 4. A. \\
-'s beel. HS. I. 2. \\
Lafcivioufnefs. \\
[Wantonnefs] \\
[Unchaftnefs] \\
Lafh, [Whip]
\[
\text { to-out, [a. }\left\{\begin{array}{l}
\text { Iregularity }] \\
\text { Excefs }] \\
\text { Prodigality }]
\end{array}\right.
\] \\
Laferwort. HF.IV. 6. \\
Lask, [adj). Excefs dunging \\
(apt, ] \\
Lass, [adj. Adolefcence (fem.] \\
Laflitude, [p. Weary (abftr.] \\
Laft-
\[
\left[\text { Moft. }\left\{\begin{array}{l}
\text { New } \\
\text { Late }
\end{array}\right]\right.
\] \\
\(\{\) Remoreft \\
\{Hindermoft \\
\(\{\) adj. Finifhing] \\
\{End] \\
a-[Exemplar] \\
[p, for Foot veft] \\
ro—\{l \(\left.\begin{array}{l}\text { v. Duration } \\ \text { v.Permanent }\end{array}\right\}\) \\
Latch. Po. IV. ¢. A. \\
-et, [Thong] \\
[p.for Foot veft.] \\
Late. \\
op. to OId. Sp. 1. 3. \\
op. to Soon. Sp.1. 4. O. \\
Latent, \(\left\{\begin{array}{l}\text { Concea } \\ \text { Hid }\end{array}\right.\) \\
Lath, [Lamin] fp. of Wood] \\
Lathe, [adj. Turning (jug.] \\
Latin, [Language of homans] \\
Latitide. \\
[Breadeh] \\
[Diftance from the Equin. tor] \\
Latter, [Sacceeding] \\
Lattin, [adj. Iren (Lamin) rinn'd.] \\
Lattis, [Oblique Croffes (plain) \\
Lavaretrus. Fi. 1X. 9.A. \\
Laudable, 「adj) p. Praife (apt.] \\
Lave, [Emipry by andrcooping.] \\
Lavender. HF. Vi. s. \\
French-[Caffidony] HF. VI. s.A. \\
Sea-HS.VI. 9. A. \\
-Corton. HP. II. 10. A. \\
Laver, [adj, Wâhing (veffel] \\
Langh. AC. IV. 3. \\
Lavift, [Prodigad] \\
Launce, vid. Lanse. \\
Launch, [ \(\mathrm{a}_{\mathrm{S}} \mathrm{S}\) wim (inc.] \\
[p. Ship.] \\
Laundre \({ }^{2}\) s, [adj. a. Wafining (mech.] \\
Lakrel. Tr. III. s. A. \\
Alexandrian-Sh. ILI. 7. \\
Law, RC.IV. 3.
\end{tabular} \\
\hline
\end{tabular}
\begin{tabular}{|c|c|c|}
\hline LE & LE & -LE \\
\hline -of nature. RC. VI. 8. -pofitive. RG. VI. 3. Civil-[RomanLaw] & -er. RO. III. 3. O. -ing. Ha. V1. 5 . Leafe. & Legend, [Fabulous Narration.] Legerdemain, [adj. Preftigiator (thing.] \\
\hline Father in - [ Father by af. & [Obligation of hire] & Legible, [adj. p. read (pot.] \\
\hline \(\xrightarrow{\text { finity.] }}\) [ Sto & Pafture] & Legion, [Regiment.]
Legifative, [adj. a. Law (make.] \\
\hline \[
\begin{aligned}
& \text { sutday, [a. Suaufe-day.] } \\
& - \text { da }
\end{aligned}
\] & let a-[Demice by Obligation & Legitimate, \{adj. Law.] (make.] \\
\hline -full. T. V. I. S Licencious.] & of hire] \({ }^{\text {Glean, }}\) [Gather the left & to-[Un-a Baftard.] \\
\hline -lefs \{ without Law.] & [rs.] & Legumen, [Pulfe.]. \\
\hline \begin{tabular}{l}
Lamyer. \\
Civil_RC.II. \(z\)
\end{tabular} & \[
{ }_{a}^{\mathrm{Lb}}, \text {, [a. Man. IV.I. }
\] & \begin{tabular}{l}
Leman, [adj. Fornication (fem.] \\
Lemon. Tr. I. 8. A.
\end{tabular} \\
\hline Common-RC.II. 2. A. & Three] & Lend. RC. V. \\
\hline Laxen. & Dog-couple] & Length. TM. II. I. \\
\hline \begin{tabular}{l}
[Linnen fine (augm.] \\
[Treey pafture.]
\end{tabular} & Whip] ff, [Mont & at-[After all this] Adv.
\[
\text { III. } 2.0
\] \\
\hline Lax. & [adv. Moft-litele] & Lengten [a. Length.] \\
\hline [Tied (dim.] & at- 2 Nor lefs] & Lengthen, [Protrat.] \\
\hline \({ }_{\text {Laxative, }}^{[\text {Loore }}\) [adj. a Dung (apt.] & that. Conj. III. 1. 0. & Lenity, \{ Clemency.] \\
\hline Laxative, [adj. 2. Dung (apt.] & Leafure. TA. II. O & [Meckners:] \\
\hline \begin{tabular}{l}
Lazer, adj. Leprofic (perion.] \\
Lazerote. Tr. I. 3. A.
\end{tabular} & -ly, \{ \(\begin{aligned} & \text { liow. } \\ & \text { adj. Degrees ( } \\ & \text { cegr.] }\end{aligned}\) & Lenitive, \({ }^{\text {Un-- adj. a.Pain (apt] }}\) adj. a. Indolence \({ }^{\text {a }}\) \\
\hline Lazy. & Leather. Pr. IV. 2. & \({ }^{\text {Lenitive, }}\) [ \({ }_{\text {adj. a. }}^{\text {(apt.] }}\) Indolence \\
\hline op. to Stout. NP. IV. 6. O. [adj. Slorh] & Leave. [Licenfe] & Lent. \{pret. \\
\hline Lazulftone. St. II.3. A. & Take ones-[a. Valedicti- & \{ladj. p.\} \\
\hline Leach. & on] & [adj. Fafting (cime.] \\
\hline [Phyfitian] & & Lentils. HS. II. 3. A. \\
\hline Lead. Met. I. 5 & \(\left\{\begin{array}{l}\text { Not take. TA. I. 4, O. }\end{array}\right.\) & Lentisk, [Maftic-cree] \\
\hline \begin{tabular}{l}
Black-Met. III. 6. \\
Red-
\end{tabular} & Aabandon & Lentitude, [Excefs of Meeknefs] Man. I. 9, E \\
\hline Whire-[Cerufe] Met. IV. 6. & [a. Dereliction] & Leo, [Fifth of the 12. parts of the \\
\hline -s of boufe, [leaden roof
- oft & \(\left\{\begin{array}{l}\text { a, Defertion] } \\ \text { Give over] }\end{array}\right.\) & Zodiac.] \\
\hline Leade. & 5 Omit] & Leopara. Be. IV. \(2 . A\) \\
\hline Gobefore. TA. VI. 5. & Defint] & Leper, [adj. Leprofic (perfon.] \\
\hline [Begin] & Leaven, [adj. a. Ferment & Leprofie. S. II. 5. \\
\hline [Direct] & (thing] & Lefs, [More-little.] \\
\hline [Allure] - ing cafe, [Example] D. IV. 8. & Leaver, [a. of Eread. Lifting (inftr & Lefle, [adj. a. Hire (perfon.] \\
\hline -ing cafe, Example] D. IV. 8. \(\{\) Leade (corr.] & Lecher), [adj. Luft (apt.] & Leden, Diminif \\
\hline -afide, \(\left\{\begin{array}{l}\text { Err. (make.] } \\ \text { Seduce.] }\end{array}\right.\) & Leccia Salviani. Fi. IV. I. & Leflon, [adj. p. \{ Teacher \\
\hline -life, \(\left\{\begin{array}{l}\text { a } \\ \text { a Coduce. }{ }^{\text {Converfation] }} \text { ] }\end{array}\right.\) & Ledure, \{Read (thing] [adj. p. \(\{\) Teacher] & [thing.] \\
\hline -life, \(\left\{\begin{array}{l}\text { a, Converration } \\ \text { a, Life }\end{array}\right.\) & Ledge, [Tranfverfe protuberant & Leffor, [adj. a. Demifing (perion] Let \\
\hline Leaf.
-of plant. PP.II. 5.A. & (thing.] & \(\{\) Licence] \\
\hline -of Plant. Pp.11. 5. A. & [Sediment] & \{Permit] \\
\hline -of Fat, [Fat next the ribs.] & [Cover'd from wind] &  \\
\hline ¢p. of Hogs.]
Gold, [Lamin & all to Leemard. RN. VI & \\
\hline Leagne. &  & -donar, \{ Help. to defcend] \\
\hline League. Confederacy. RC. III. 8. & Leech. Ex. I. 2. Vid. Leach. &  \\
\hline Meafure. Mea. I. 8. & cek. HL.IV. 9. A. & \\
\hline Leaguer, [Siege.] & Houfe - [Sedum] & -out, [Suffer ro\{ \(\left.\begin{array}{l}\text { in- } \\ \text { out- }\end{array}\right\} \mathrm{go}\) ] \\
\hline \begin{tabular}{l}
Leak. \\
[Into-receive water]
\end{tabular} & Leer, [Look \(\{\) obliquely] & -pafs, \({ }^{\text {comic] }}\) \\
\hline [Into-receive water] /pring a - [into-receive (inc.) & \[
\begin{aligned}
& \text { Leer, LDook } \\
& \text { Leefe, [lofe7 }
\end{aligned}
\]
\[
\text { [ deceitfully }]
\] & - 1 ip, , [Omit.] \\
\hline  & Leees, [Lowe] & [Impedient.] \\
\hline Leam, [Lamin of flame.] & Left. & Lethargy. S. IV. 3. \\
\hline Leaning. & \{ pret. & Letter. S. \({ }^{\text {a }}\). \\
\hline Pofture. AC.VI. 4.A. & \{adj. p.\} Leave. & - [Element.] D. I. I. \\
\hline [Obliquing] & 「Refidue] TM. VI. 7.0. & [Epiftle] \\
\hline -toward, [Ver- & Sinifter. Sp. III, 9. & [Boad] \\
\hline Leannefs. NP. V. s. s.0. & -of Mutton, [Thigh of theep & spatents, [Patent.] \\
\hline & -of mutton, [Thigh of theep to & \begin{tabular}{l}
Lettice. HF.III. II. \\
Lambs-
\end{tabular} \\
\hline & & \\
\hline \begin{tabular}{l}
[a: Coition] \\
-year, [Year of 366 days.]
\end{tabular} & \begin{tabular}{l}
(thing. \\
Legal, [adj, Lam?
\end{tabular} & [Lying] \\
\hline \[
\text { Learn, }\left\{\begin{array}{l}
\text { a. Learner }{ }^{26} \\
\text { Rnow (inc.] }
\end{array}\right.
\] & \[
\begin{aligned}
& \text { Legate, [Public adj. p. fend (per- } \\
& \text { fon.] }
\end{aligned}
\] & \(\left\{\begin{array}{l}\text { Plain] } \\ \text { Equal] }\end{array}\right.\) \\
\hline
\end{tabular}

\begin{tabular}{|c|c|c|}
\hline L I & \({ }^{1} \mathrm{LO}\) & I, O \\
\hline \[
\left\{\begin{array}{l}
\text { Side }]
\end{array}\right.
\] & Lift. [Catalogue] & [Averfation] AS. V.s.O. \\
\hline \[
{ }_{\text {to Margin] }}
\] & -of cloth, [Margin] & Loatbfom, [Loathed (ape.] \\
\hline \(\{\) Limitation] & be-s, [Combate (place] & Lob, [adj. Lumpifh (perfon] \\
\hline \[
\text { [a. }\left\{\begin{array}{l}
\text { Determination] } \\
\text { pohibit }]
\end{array}\right.
\] & Liften. & Lobby, [Outer room (dim.] \\
\hline [Apo int precifely] & Hear ( end & Lobe, [Protuberant (part] \\
\hline Limitation. D. IV. 2. & Obrerve with & Lobfter. Ex. VI. \\
\hline Limn, [Paint with Water-colours.] & Lifflefnefs. NP. I. 4. O. Litany, [Brief vicifficudinary & Local, 「adj. Place.] Loch. \\
\hline Limon. & Prayers]. & Fifh. Fi. IX. II. A. \\
\hline Limp, [Halr] & Literal, [adj, Letrer] & [adj. p. Lick (apt.) Medicin] \\
\hline \begin{tabular}{l}
Limpet. Ex. VIII. s. \\
Linage, [Defcendents (aggr
\end{tabular} & Literature, [Lcarning] Ha. VI. 4. & Lock. [adj, Shutting \\
\hline RO.I. I.O. & Litharge. Met. IV. I' \(^{\text {a }}\) & -on door; \%c. Po. \\
\hline \begin{tabular}{l}
Linchpin. \\
Linden tree.
\end{tabular} & Lithenefs, [Limbernefs] Q.V.
6. E. & -on a River, [Water-courfenarrowing (jug.] \\
\hline Line. & Lither. & [Tuft]. \\
\hline Dimenfion. Mag. I. I. & \(\{\mathrm{L}\) & -of Hair. \\
\hline \begin{tabular}{l}
\(\qquad\) of writing. \\
the-[Equator] W.VI.
\end{tabular} & \[
\begin{aligned}
& {[\text { Idlec }} \\
& {[\text { Slow] }}
\end{aligned}
\] & \begin{tabular}{l}
- of Wool. \\
ocker, [Cheft]
\end{tabular} \\
\hline Meafure. Mea. I. I. & Litigious, [adj. Contentious ] & Locomotion, [Motion from place \\
\hline [Thred] [string of hairs & Litter. Birth [Children (2ger.) of & \\
\hline \begin{tabular}{l}
Fijhing-[String of hairs for fifhing ] \\
plumb-String for meafu-
\end{tabular} & \begin{tabular}{l}
Birth [Children (aggr.) of one parturition.] \\
Straw [Bed for Horfe]
\end{tabular} & \[
\begin{aligned}
& \text { Locuf. Ex. II. I. } \\
& \text { Lode. } \\
& \text { tree. Sh. IV. 6. A. }
\end{aligned}
\] \\
\hline \begin{tabular}{l}
ring. \\
[Series]
\end{tabular} & borfe-[Sedan to be carried between Horfes] & \[
\begin{aligned}
& \text { [Burden] } \\
& \text { to-O. VI. } 7 .
\end{aligned}
\] \\
\hline to-Pr. IV.9.A. & Little. TM. I I. D. & [Leading] \\
\hline to-one Fortification with another. RM. VI. 4. A. & by-and - [adv. Degrees & -ftar, \(\left\{\begin{array}{l}\text { adj. Pole } \\ \text { Diresting }\end{array}\right\}\) \\
\hline hedge with, [Within rifon with Series of] & ones, [Young childron] & -ftone. St. II. \(7 \cdot\) dge. \\
\hline [a. Coition] (p. of Dog.] & lic \(\left\{\begin{array}{l}\text { Manner } \\ \text { Form }\end{array}\right\}\) & ght] \\
\hline Lineah, [adj. Linc.] & worrhip] & [a. Reft] \\
\hline Lineament, [Higure] & Live. & [p. by night] \\
\hline Ling. & Proper. AC. I. \%. & [a. Gueft] \\
\hline Fifh. Fi. III. 3. & [Ee] & a-[Hourt (dim.] \\
\hline Linger, [Prorract] & [Feed] & Lofty. \\
\hline [Delay] & -upon, [Feed upan] & [High (augm.] \\
\hline Linguif, [adj. Language (ar- & a. Converfation] & Proud] \\
\hline tift.] & Lively, [Sprightlinefs] & \\
\hline Lingwort. Link. & \begin{tabular}{l}
[adj. 2 Vigour] \\
-bood, [Maintenance]
\end{tabular} & \(\left\{\begin{array}{l}\text { Thick wood } \\ \text { Part of trunk }\end{array}\right\}\) \\
\hline [Candle of pitch'd Tow] & b-long. & [uci.] \\
\hline [loop] & & [Way-meafuring \\
\hline to-toge \{ Knir \(\}\) & [Orpine] & line] \\
\hline tber \{Joyn] & \begin{tabular}{l}
Liver. \\
[adj Living (perfon]
\end{tabular} & [p. of Mariners.] \\
\hline Linnen. Pr. IV & Part. P & Loggerbead. \\
\hline -draper, [adj, Linnen (merc.] & \begin{tabular}{l}
-wort. HL. I. 3.A. \\
Noble-[Hepatica]
\end{tabular} & [Great (corr.) head] [Dull (augm.] \\
\hline Linner. Bi.IV. 8. & Livery. & Logic, [adj. a.Reafon (a \\
\hline Red-Bi. IV. 8. A. & [adj. Service (fign) gar- & -parts of Difcourfe. D. IV. \\
\hline Linfeed, [Seed of Flax]
Linfer-woolfey. &  & chop-[Difpute (corr.] \\
\hline [Woven (thing) of Lianen and Woollen] & \begin{tabular}{l}
rp. of pofferfion.] \\
-and feifin. RC. V. 8. A.
\end{tabular} & \[
\left[\begin{array}{l}
\text { Logilfic, } \\
.
\end{array}\right.
\] \\
\hline [Mixture (corr.] & Horle at-[H. at hired gueft- & \begin{tabular}{l}
Logroood. Tr. VII. 5. A. \\
Loboch, [Medicament ce be lick-
\end{tabular} \\
\hline Lint, [Downs Shaving zof (like) \(\{\) Scraping \(\}\) Lis & \[
\begin{gathered}
\text { ing } \\
\text { Living. }
\end{gathered}
\] & \begin{tabular}{l}
ed] \\
Loial. Man. V. 6.
\end{tabular} \\
\hline (nen & \(v e\). & Loin. PC. IV. 4. \\
\hline Lintel Po. IV. 3, A. & , & Loiter. \\
\hline Lion. Be. IV. & Lixiviation. O. VI. 8. & a. Cunctation \\
\hline \(\sim\) roarb, [Dandelion] & Lizard. Be. VI. 4. & a. Slattering time] \\
\hline Lip. PG. III. 8. & Lo, [lmp. Look.] & Lolling, [a. Lean (corr.] \\
\hline Liquid, [adj. Moiftoefs] Q.V. 2. & Loach. Fi. IX. 1 I. A. & Lome, [Mortar] \\
\hline Liquid amber: Tr. VIII. 9. & Loaf, [Bread] & London tufr. HS. V. 4. \\
\hline Liquor, [adj.a. \{ Moiftners \} & Loath, [adj. Nolleity] & Lome, [Lendíng] \\
\hline Lisping. AC.ILI. 2. A. & Loathe. & Lonefome, [Solitary] \\
\hline Lisprig. AC. II. 2. A. & op. to Appetite. NP. IV. 4: 0 & Long. \\
\hline
\end{tabular}



\begin{tabular}{|c|c|c|}
\hline M E & M E & ME \\
\hline \begin{tabular}{l}
Matrix, [Womb] PG. VI. 9. \\
Matron. \\
\(\left\{\begin{array}{l}\text { Married } \\ \text { Grave }\end{array}\right\}\) (fem.] \\
[Houfholder (fem.] \\
Matter. \\
Material caufe. T. II. 9. \\
\{Subje © ] \\
\{Object] \\
\(\{\) Thing \(]\) \\
\{Bufinets] \\
makes no-[1s not important] \\
[Bloud rotted in the flefh] \\
Mattins, [Morning worfhip] \\
Mattock, [adj. Mallet (fig.) \\
pecking (inntr.] \\
Mattrefs, |Bed fliffen'd with fowing (augm.] \\
Maturity, \(\left\{\begin{array}{l}\text { Ripenefs } \\ \text { Perfection }\end{array}\right]\) \\
Maugre. \\
[In enmity of] \\
[adv. Coadion] \\
Mavis, [Thrufh] Bi. III. 3. A. \\
Mankin. \\
[adj. Man (like) engine] \\
[Oven-fweeping (inftr.] \\
Maul, vid. Mall. \\
Maund, [Basket] \\
Maunder, [Grudging (voice] \\
Maw, [Stomach] PG.VI. 4- \\
Maxim, [Rule] \\
Maze. \\
[Extafie] \\
\(\left\{\begin{array}{l}\text { Struature } \\ \text { Place }\end{array}\right\}_{\text {full of }}^{\text {perplex }}\) Mazer, [Cup (augm.] \(\left\{\begin{array}{c}\text { Wind- }\end{array}\left\{\begin{array}{c}\text { ings] } \\ \text { Turn- } \\ \text { ings] }\end{array}\right.\right.\) \\
Mazer, [Cup (augm.] \\
Me, [I acculat.] \\
Mead. \\
[Medow] \\
[Wine of honey] \\
meagre, [Lean] \\
Meal. \\
[Ground corn] \\
Eating. Pr. I. I. \\
-worm. Ex. I. 5. A. \\
Mean. \\
[adj. Mediocrity] \\
[Low] adj. Ha.II. s.O. \\
Plebeian, Fadj. People \\
(kinde \(\dagger\) \\
[Mediator] \\
[Between-fpace] \\
-among founds. Q. III. I. \\
-s.T.II. G. A. \\
[Riches] \\
Signification. D.II.A. \\
[Purpore] \\
Meafure. \\
Proper. Mea. \\
-of Magnitrde. Mea. I. \\
-of Number. Mea. II. \\
-of Gravity. Mea. III. \\
-of Valour. Mes. IV. \\
-of Time. Mea. V. \\
[Moderation] \\
Meafh, [Hole.]
\end{tabular} & \begin{tabular}{l}
Meat. \\
[Suftentation] \\
[p. Eating (thing] \\
Sweet— Pr. II. \\
White-s [Meats of milk] \\
Meazles. S. II. 4. A. \\
Mecbanic.
\(\qquad\) work. O. I.
\(\qquad\) profefision. KC. II. s. A. \\
Mechoacan. \\
Medal. \\
[Ancient money] \\
[Moncy (like] \\
meddle. \\
[Mingle] \\
[Aation] \\
\(\{\) Bufineis] \\
[a. Diligence (corr.] \\
-with, [a. Object.] \\
Mediaftine. PG. V. 3. A. \\
Mediatenefs. TM. IV.2.O. \\
Mediator. RJ. I. 2. A. \\
Medicine, [adj. 2 Medicating \\
(thing] \\
Mediocrity. TM. I. 2. \\
Meditate. AS. II. I. A. \\
medle, vid. Meddle. \\
Medley, [Mixture] \\
Medter. Tr. I. s . \\
Medow. Po. I. 4. A. \\
\(-\int\) weet. HF.IV.8.A. \\
Mies, [Iaccufat.] \\
Meed, \(\left\{\begin{array}{l}\text { Earning } \\ \text { Reward }\end{array}\right]\) \\
Meelnefs. Man, 1.9. \\
Meer. \\
[Simple] \\
[Lake gugm.] \\
Meet. \\
[Limit (fign] \\
[Congruous] \\
to \\
Come rogether. TA. VI. 7. \\
[a. Convention] \\
-with, [Compenfate.] \\
Meter. D. III. 5. \\
Megrim. \\
Melancholy. \\
Humour. PG. I. 7. A. \({ }^{\text {² }}\) \\
[Grief] fp: (Habit] \\
Melanurus. Fi. V. s. \\
Meldew, [Honey-dew] \\
Melilot. HS, III. 10. \\
Mellifinous, [Sweet] \\
Mellow, [Ripe (augm.] \\
Melody; [Harmony] \\
Melon, HS. VII, I.A. \\
Melt, [Difolve] O.VI. 2. \\
Member. \\
[Limb] \\
Membraze. PG.II. 3. A. \\
Memorable, [adj, p. Memory (apt.] \\
Memerandum, [adj. p. ought me mory (thing] \\
Memory. NP. II. 3. \\
Memerial, [adj. a. Memery (fign] \\
Menace, [Threatet.] \\
Mend.
\end{tabular} &  \\
\hline
\end{tabular}

\begin{tabular}{|c|c|c|}
\hline M O & M O & MO \\
\hline \begin{tabular}{l}
Mifpend, [Spend (corr.] \\
Mist. El.III. 2. A. \\
Miftake. \\
\{Wrong \} \\
\{Errour] \\
[Opinion (corr.] \\
Miftle-thrufb. Bi.III. 3. \\
Mifleto. Sh.III. 12.A. \\
Miftrefs. \\
[Mafter (fem.] \\
[Suitor'd (fem.] \\
Miffruf. \\
[Doubt] \\
[Biftrult \\
[Sulpition] \\
mifufe, [uie (corr.] \\
Mite. \\
InfeA. Ex.II. 7. \\
Money. \\
Miter, [adj. Bihhop (fign) head vefl.] \\
Mitigate. \\
[Diminifh] \\
[a. Recmilis] \\
[Un-anger] \\
sittens, [Woolicn hand (veft] \\
Mix, [a. Mixture] \\
Mixen. \\
[Dunghill] \\
[Heap of Dung] \\
Mixture. T. III. 8. O. \\
Mizen-maff. RN. III. 3.A. \\
Mizzle, El. VI. 2. \\
Mobility \\
[Motion (abftr.] \\
[Unconftancy] \\
Mock. \\
Scoff. RJ.IV.9.A. \\
[Deceive] \\
Mode of thing. T. VI. \\
Model. \\
[Defcription by lines) \\
[Example (dim.] \\
- Ekpiome] \\
- \({ }^{2}\) Eration. \\
[ Mediocrity]. \\
-in opinions. Ha, III, 4. \\
-in recreations, Man. II.s. \(\left\{\begin{array}{l}\text { Govern } \\ \text { Cohibit }\end{array}\right\}\) \\
Moderator, [Judge] \\
Modern, [New] \\
Modefly. \\
-about difgaces. Man.1II.7. \\
Modicum, [Little] \\
- doduliation, [Warbling] \\
Disil. \\
[Operation (augm.] \\
[3. Defilement] \\
Moiftness. Q. V. 3- \\
-Moity, [Half] \\
Mold, vid. Mould. \\
Mole. \\
[Bank factitious] \\
[Spor] \\
Beaft. Be:III. 8. \\
Fifh. Fi.II. 6. \\
Moleft, [ Troubling] TA.V.9.O. \\
Indian Molle. 'Tr. III. \\
10. A. \\
Mollifie, [a. Soft]
\end{tabular} &  & \begin{tabular}{l}
Marfe. Be. V. 3. \\
Morfel, [Fragment] [p. off-bit- \\
ten.] \\
Mortal. \\
[adj. Dying (pot.] \\
[adj a. Dying (apt.] \\
[Capital] \\
一ity. \\
[Dying \(\left\{\begin{array}{l}\text { (por.] } \\ \text { apt.] }\end{array}\right.\) \\
[Killing infection] \\
Mortar. \\
For buidding. El.IV.4.A. \\
[atio Rontufion (vefs.] \\
Mortifie. \\
[a. Death]: \\
[2. Remenrapce] \\
Whitif, [Hole in beam.]. [p. in fide of it.] \\
Mortmain. \\
Mortuary, [Payment for the dead.」 \\
Mofaic work. \\
Mofque, [Temple] fp. of Mahomerans.] \\
Mofs. HL. I. 3. \\
Moft. \\
Adv. II. 2. A. \\
for the-pant, [adv. Moft] [Chiefly'] \\
Mote. \\
[Ditch (augm.] \\
Atom, [Powder (dim.] \\
Moth; \(\{\) Ex. II. 8. Ex. IV. 9.A. \\
-mullein. HS.VIII. 4. A. \\
Mother. \\
[Parent (fem.] \\
-tongue, [Language of one's own nation] \\
-of pearl. Ex. vIII. 3 . \\
[Womb] PG. VI. 9. \\
[Difeale] S. VI. \(7^{\circ}\) \\
-mort. HF. VII. 13. \\
[Sediment] \\
Morion. \\
[Locomotion] Mo. \\
-of Animals Progrefive. \\
Mo. I. \\
-of the parts of Animals. \\
Mo. III. \\
\(V_{\text {iolent-MO, }}\) VI. \\
[Inclination] AS.IV. I. \\
Motive: \\
[adj. Move (apt.] \\
[Impulfive] \\
Motley, [Variegated] \\
Motte, [Appropriated fentence] \\
D. III. I. A. \\
Move. \\
[a, Motion]. \\
\(\rightarrow\) the brows. AC.IV. I. A. the head. AC. IV.4.A. \\
[Offer] TA.IV. 2. \\
[a. Impulfive] \\
[Perfuade] \\
[Allure] \\
[Angry (make] \\
Moveable, [adj. p. Mo- \(\left.\begin{array}{l}\text { tion } \\ \text { (por.] } \\ (\text { apt. }]\end{array}\right]\) \\
Mould. \\
\(-s\), [Utenfils] \\
[Earch]
\end{tabular} \\
\hline
\end{tabular}
\begin{tabular}{|c|c|c|}
\hline M U & MU & M Y \\
\hline [Earth] & & \\
\hline \begin{tabular}{l}
[Type] \{p. convex] \\
Cafting (vels. 2 of melted
\end{tabular} & too-[Exceffiv & Murex. Ex. VII. 2. \\
\hline \{ Figuring (vels. \(\}\) \% bodies] & ver & Murmur, \(\left\{\begin{array}{l}\text { Grudging } \\ \text { Difcontent }\end{array}\right\}\) ¢p. \\
\hline -of the head, [Dent of the & , & \(\left\{\begin{array}{l}\text { Indignation }\end{array}\right\}\) (voice] \\
\hline upper part of th \{a. Knead] & Mucilaginous, [Slimy] Nuck. & Murr, [Difeale of hoarlenefs through cold diftillation] \\
\hline \(\xrightarrow[\text { Moulder. }]{\text { to a. Type」 }}\) & мисиs. & \\
\hline \begin{tabular}{l}
Moulder. \\
[p. Powder by putrefaction]
\end{tabular} & \{ Dung] & Murrain, \(\{\) Plague (ous \(\}\) of \\
\hline apay, [Decay] & [Excrement] & Murry, \(\left\{\begin{array}{l}\text { Dark red } \\ \text { Ruft colour }\end{array}\right.\) (beafts] \\
\hline Mouldiness. HL. I. I. A. & Mucketer, [adj. Wiping (thing] & Murrion, [Head (armour.] \\
\hline Muftuners Down (like) rottennefs] & Mad, [Macerated durt] & Murther. RJ. III. 5 - \\
\hline Moulter, [Un-feachered (make] & Muff,
hands] & Mu/cle, PG. II. 6. A. \\
\hline Mound. & Mufle, [Conceal (reft) fp. face] & Mufculous, [ad). Murcle] \\
\hline [Sepiment] & Mufler, [Mouth (veft] & Mufe. \\
\hline Bank & Mufty, Mahometan chief Pri- & [a. Verfe (art.] \\
\hline Mount. & ate \({ }^{\text {a }}\) & Feign'd Goddefs of verf(art] \\
\hline Mountain] & Mugwort. HF. II. II. AP. & Hole through hedge] to - [Meditate]. \\
\hline [Factitious hill] & Mulberry. Tr. III. & Mufbrom. HL. I. I. \\
\hline to- \({ }^{\text {a }}\) horcend] [Arcend upon a & Mule. Be. I. 2. A. & Mufic. \\
\hline horfe] & Muletier, [adj. Mule & Sound. Mo.V.7.A.[Harmony] \\
\hline ill- \}-ed [Riding \{ (perf.] & Mullein. HS. VIII. 4.' & Ask,[Sweer(thing)of Muskar] \\
\hline \begin{tabular}{l}
well. \}-ed on horie 2 (corr.] \\
—a cannon, [Lift a cannon to
\end{tabular} & moth-HS. VIII. 4. A. Sage-Sh. VI. 4. A. &  \\
\hline ] & Mullet. & Musker \\
\hline Mountain. W. III. I. E. & glifh_Fi. IV & Hawk, [Sparh \\
\hline M & Leffer-Fi. IV. 6 & Gun, [Footman's gun(augm.] \\
\hline \{ Wandring Juggling Phyfician] & Muls. RJ. VI. 7.
\(M u l t i f a r i o u s, ~\) & Mufsle, vid. Mujcle. \\
\hline Mourn. & Multitita
Multifi & Muft. Mood of Neceffiry \\
\hline [Shew grief] & -of the bigigeft fort. Be. III. & [Determination] AS. IV. 8. \\
\hline [Grief (fign) f p. with (voice]] & -of the middle fort. Be. IV. & [Neceffity] T. V. 7. \\
\hline in-ing, [adj. p. Velt adv. grief (fign] & -of the leaft fort. Be V. & Wine not yet fermented] \\
\hline  & \begin{tabular}{l}
Multiply. \\
s. Man
\end{tabular} & wfaches, [Upper beard] \\
\hline \[
\begin{aligned}
& \text { Doro-[adj. a. fleep (apt.) } \\
& \text { Moufe (kind] }
\end{aligned}
\] & \begin{tabular}{l}
\{Increafe〕 \\
[a. Multiplier]
\end{tabular} & Common. HS.IV. 9. [Sauce of Muftard] \\
\hline Field - [Long fnouted venom- & Multiplicit, [ [Variety & [Sauce of Murtard] \\
\hline ous moure kind] & Multiplier. TM.VI. 8. & Yellow Arabian-HS. IV. 13. A. \\
\hline Flitter-[Bar] & Multitude. TM.III. 1. Mum. & [zdi a Number] \\
\hline & & \begin{tabular}{l}
[adj. a. Number] \\
[aralogue] adj.a TM.III 7 -
\end{tabular} \\
\hline codded-HS.IV.12.A & nuts are infuled] & \[
\begin{aligned}
& \text { [Catalogue]adj.a. } \\
& \text { Muftines. Q IV. } 7 .
\end{aligned}
\] \\
\hline \begin{tabular}{l}
Mouth. \\
Proper PG. III. 3
\end{tabular} & [ fi'] Interi. III. 1. O. & Mutable. \\
\hline Proper, PG. III. 3. -frll,[adj. Mourh capacity] & \[
\text { -ing, }\left[\text { Dance } \text { of } \left\{\begin{array}{l}
\text { Silents }] \\
\text { Difguited }
\end{array}\right.\right.
\] & \begin{tabular}{l}
[adj. Alter (apt] \\
[l.ight] Ha. IV. 7 .D.
\end{tabular} \\
\hline \(l\) - \(d\). \({ }^{\text {dpe }}\) ) & mble & \[
\text { Mutenefs.AC.III. } \mathbf{1} \mathbf{0}
\] \\
\hline [Speaking (apt) indecent & [Maftication (corr.] & Muting, [Dunging] \\
\hline \[
\text { [things] }[\text { Reviling (apt.] }
\] & \{ Voice Speak \(\}\) confuredly] & Vhutilous, NR. V. 1. O. Mutiny, [Sedition] \\
\hline mealy-' \({ }^{1}\), [not- adj. reproof (aper.) & \begin{tabular}{l}
Mummy, [Gum (like) embalmed \\
flefh] (p. of Man)
\end{tabular} & Mutiny, [Sedition] \({ }^{\text {Mutter, [Speak }}\) indiftincly] \\
\hline Orifice [Mouth & Mump, Move (corr.) the & er,[Speak \(\left\{\begin{array}{l}\text { confuredly } \\ \text { grudgingly }\end{array}\right.\) \\
\hline [Entry] & mouth \({ }^{\text {. }}\) & Muttom, [Flefh ot fheep] \\
\hline to-[a. Reviling] & Mumps, [Difeafe fwelling of the & Mutual, [Reciprơcal] \\
\hline Moutby, [adj. Reviling (apr.] & chaps - & Muztle. \\
\hline & Munday, [Second day of the & Bond \\
\hline Mock] [p.with face (manner] & & , jriad, [10000] \\
\hline Mowe, [Reap] & Municipal, \{ City & rrb.Tr. VIII \\
\hline & [adj. [Corporation] & yrile. Sh. III. \\
\hline [a. Imprifonment] & ficence, [Liberality] & Symach. Sh. 11 \\
\hline Mruch. feathers, [let go f.] & [p. in gifts &  \\
\hline Grear & Munitiont. & \(\left\{\begin{array}{l}\text { Obicure } \\ \text { Concealed }\end{array}\right\}\) (thing] \\
\hline \(\{\mathrm{Many}\) \} & [Fortification] & [Trade] \\
\hline as-[Equal] & Ammunition] & mbology, [Interprctation of \\
\hline for fo-as Conj. IV & Murana. Fi. VI. I.. & Narrations. \\
\hline make-of, [a. Courtefie & Murab [adj. Wall] & Lll N \\
\hline
\end{tabular}


\begin{tabular}{|c|c|c|}
\hline OB & OL & OP \\
\hline \begin{tabular}{l}
Obfervant. \\
[adj. Rerped] \\
[adj. Obedience] \\
Obfolete, [Unaccuftom'd] \\
Obfacle, [adj, Impedient (thing] \\
obffectrication, [Alfifting Parsu- \\
rition] \\
Obftincte. \\
Patience (exc.) Man. I. \\
8: E. \\
Conftancy (exc.).Ha.IV. 7. \({ }^{[ }\). \\
Obftresion. \\
[Hindering] \\
[Stopping pp ] \\
Difeale. S. I. 4 . \\
Obtain. TA. V. I. \\
obreftation, [Bntreating \\
(angun.) \\
Obtrude, \(\$\) thruft] \\
[ On - [ pat] \\
 \\
-ancle. Mag. III. 3.E. \\
Obvious. Sp. II. 6. \\
Obumbraction [Shadowisg] \\
Oceafion T. H. 4.A. \\
Occidental, [adj. Weft] \\
Occult, [adj. p. Conceal] \\
Occupation. \\
[Bufinefs] \\
[Profeffion] \\
\(O_{\text {ccup }}\). \\
[2. Burfinefs] \\
Occur. \\
[a. Porcemon]
[poro Event]
[Meet] \\
Ocean. W. IV. 2. \\
Ockem, [Tow for calking of Inips.] \\
OZave, [Eighth day after] \\
oZavo, [Third figure of books] \\
ozober, [Tench moneth] \\
Ocular, [adj. Ey] PG. III.2. \\
odd ends, [Refidue] \\
Odds, [Superiority] \\
at-\{ \(\left.\begin{array}{l}\text { Encmies } \\ \text { a. Contention }\end{array}\right\}\) \\
Ode, [Song] \\
Odious. \\
[adj. p. Hate (apr.] odnefs. \\
0p. 60 Erennefs. TM, III.s.O. \\
[Extraordinarinels] oder, [Spaedl] \\
Odoriferous, [Sweet] \\
ods, vid. odds. \\
Oeconomic. RO. \\
Oecumenical. \\
[adj: World] \\
[Univerfal] \\
of. \\
Grajive Prep. I, I. \\
[By] Prep. I. 2. \\
[Concerniag] Prep. L3 A. \\
out-Prep. 1.3. \\
Soush-[S-from] \\
of. \\
[Diftant] \\
Prep. ILI. 2. A. \\
Cut \({ }^{\text {Dive- }}\left\{\right.\) from- \(\left\{\begin{array}{l}\text { a }\end{array}\right\}\)
\end{tabular} & \begin{tabular}{l}
Offal, [Wart part] TM. VI: 1.0. \\
(p.adj. Refiduc. \\
Offend. \\
\(\$\) Difpleare] 2 Hurt] \\
[Sin] \\
offenfive. \\
[Difpleafing] \\
Hurful] \\
Offer. \\
-50 do. TA. III. 3. A. \\
-to give. TA.IV. 2. \\
[Bid] \\
[Give ro God] \\
[a. Oblarion] \\
[a. Sacrifice] \\
[3. Incenfe] \\
Offertory, [a. Oblation] \\
Office. \\
Truft. RC.IV. 6. A. \\
[Employment] TA.III. good-[Benefit] \\
boufe of -[adj. © (houre] \\
Officer, [adj. Office (perfon] \\
Ecclefiaftical-RE. II. \\
Official, [Eoclefiaftical Judge] \\
Oficious. Man. IV. 2. E. \\
[adj. Complaifance] \\
Offering, [Defcendenss (2ggr.] \\
RO.I. I. 0. \\
Often, [adv. Frequent] \\
Oh. Inter;. \\
Oil Pr.I. 6. \\
\(\longrightarrow\) baxi of a Divd PP, V. \\
8. A. \\
-of corm [Beard-] \\
Oilet, [Hole] (p. for Button] Ointruem. \\
[adj. Anoixxing (thing] \\
[Salve] \\
oifter. Ex. VIII. 4. \\
-weed. HL. I. 1 3.A. \\
okam, [Tow for calking of fhips] \\
oke. Tr. V. r. \\
bitter-Tr. V.I. A. \\
bolme-Tr. Y. 2. \\
Holy-HF. IX. 6. A. \\
Scarlet-[Holm] \\
-fearn. HL.I. 4. A. \\
-ef E.ppedooia. HF.I. 13. A. \\
-of ferufalem. HF. L. 13. \\
oker. \\
Tellow-St. VI. 2. \\
Red-St. VI. 2. A. \\
old. \\
[adj. Age] \\
basp-[of what age] \\
-age. Mea. VI. 4 . \\
[Decrepit] adji Mea. VI. 4. A. \\
op , No New. Sp. 1. 3.A. A. \\
-clothes, [Decayed c.] \\
-fafhion, [Uasccuftone'd f.] \\
- Souldier, [Experiencid C.] \\
-time, [T. paft (augmi] \\
oleander.Shivilit. \\
olibamum, [Frankincenfe] Tr. VIII.
\end{tabular} & \begin{tabular}{l}
Oligarchy, [Government by a Fa- \\
Ction] \\
olive. Tr. II. 4 \\
Ominous, [Before-figning] \\
Omitting. TA.III. 8. A. \\
Omnipotency, [All-mightinefs] \\
Omniprefence, [adv. Ubiquity \\
prefence] \\
Omnifcient. [All-knowing] On. \\
-the contrary, [adv. contrary] \\
-Fire, [adj. p. Fire] \\
[Toward] \(\left\{\begin{array}{l}\text { left } \\ \text { rigbt }\end{array}\right\}\) band, \\
[Towark-] \\
\(\{\) Concorning ] \\
In \(]\)
agree- Agree \(\left\{\begin{array}{c}\left.\text { In } \begin{array}{c}\text { Concern- } \\ \text { ing }\end{array}\right]\end{array}\right.\) \\
[Forward] \\
come-[Proceed] \\
fight-[Profecute fighting.] \\
bold-[Prolecute] \\
fet-\{a. Affault \(\}\) \\
[To] a. Impulfive] \\
happen- [H. ro.] \\
Once. \\
[Uрор] Prep. VI. I. \\
[One (time] \\
[In paft time] \\
all at-[Together-all] \\
One. \\
Proper. Mea. II. I. \\
-by-[adv. Segregatenefs] \\
-anot ber, [adv. Reciprocation] \\
- for another, [Compenfation] \\
-with ano- \(\{\) Mixture] ther, [adv. 2 Confurednefs] \\
[Any] Pron. III. I. \\
fome-Pron. II. 3 A. \\
certain-Pron. II. 3. \\
[Onely] RO. IV.2.O. \\
[The fame] \\
all-\{ Equal] \(\begin{aligned} & \text { Alike }\end{aligned}\) \\
One blade. HL. VII. S. \\
Onely. Adv. IV. I.O. \\
[Alone] RO.IV. 2.0. Onerate, [Lode] O. VI. 7Onion. HL. IV. 9. \\
Onfet, [Affault] \\
Onflaught. [Storming] \\
Cnyx. 5t. III. \(4 \cdot\) \\
Opacity. Q.1.4. O. \\
Opal-fiomed Jt. III. I. \\
Open. \\
-ing. \\
\(\{\) Unflari. O. II 2. 0. \\
2 Uncover. O. II. 3. O. \(\$\) \\
\(\{\) Unfold, [Spread] \\
\{Un-adj. P. Seal [make] \\
Uun adj. P. Impedient \\
\(\left\{\begin{array}{c}\text { (makc] } \\ \text { un-adj. } \\ \text { (make }\end{array}\right.\) Obfruction \\
\(\left\{\begin{array}{ll}\text { Un-conceal }\left[\begin{array}{l}\text { Rereal } \\ \text { Manifeft }\end{array}\right] \\ \text { Un-adjaPublicnefs (malice }\end{array}\right]\)
\end{tabular} \\
\hline
\end{tabular}


\begin{tabular}{|c|c|c|}
\hline P A & P A & P A \\
\hline ```
Paddle, [Spade (like) flaff]
to - [ a . Hand (Ireq.]
[p. in water.]
Paddock.
    [Frog]
    [Park (dim.]
Padobaptifm, [Baptifn of In-
    fants.]
Paganellus. Fi. III. 7. A.
Paganifm. RE. I. 2.
Page.
    [Servant for waiting]
    -of pa-\{ Side 2 of pa-
        per, \(\{\) area \(\}\) per]
Pagea nt, [Arch for fights]
Pagrus. Fi. V. \(4^{-}\)
Pay, [adj. a. Paying (thing]
    \(\rightarrow\) master, [adj. Paying (Off.]
    put out of
    Souldiers-[S. hire]
    -ing. TA.IV. 8.
    [Compenfating]
Paigle. HS. VIII. 1. A.
Pail, [Tub (dim) with handle]
Pain.
    [a. Punifhment]
    op. so Eafe. NP. V. 3. O.
    [a. Torture] RJ. VI. I.
    [Aking, \&c.] AC. 1I. 7.
op. to Pleafure, [a. Unpleafant-
            nefs.]
    [Grief]
    [G. Operation]
    \(\sim,\{\) a. Diligence' \(\}\)
    -fulnefs, \(\left\{\begin{array}{l}\text { Pain } \\ \text { Pa. }\end{array}\right.\) (apt.]
Painim, [adj. Paganifm (per-
        fon.]
Painting. Q.IV. 8.
Pair.
[Equal]
    [Companion]
    [Two]
[Aggregate (thing]
-of bellows, [B.]
-of cards [Suit of c.]
Palace. Po. 11. 2.
Palate.
    Roof. PG. III. 5.
    [Taft]
Palatine, [adj. Palace]
Pale.
    -nefs. AC. IV. 9. A.
    a-[Lamin] fp. of wood]
Pales, [Sepiment of Lamins
creat.]
Palinody, [Recanting] D. VI.
    9.A.
Palifado. RM. VI. \(7 \cdot\)
Pall.
Padlet, [Bed (dim.) to be laid on
    the floor.]
Palliate Seem (make]
Palm.
-of band, [Concave (part]
    Tree, [Date]
    dwarfe-Sh.III. 2.
    [Carkin] PP.II. I. A.
Palmer.
[Pilgrim]i
-worm, [Caterpillar]
``` &  &  \\
\hline
\end{tabular}

\begin{tabular}{|c|c|c|}
\hline ```
Pattern.
    [Example]
Pattin, vid. Patin.
    [Under-adj. foot (jug.]
Paucity, [Fewnefs]
Pave, [a. Floor] fp. with ftones]
Pavement, [adj. Stone-floor]
Pavillion [Tent (augm.]
Paxw, [Mulcifidous foot']
Papon. RC. VI. 7.
Paxpnage, vid. Panage.
\{Belly] PG.IV.6.
Pawnch, \(\{\) Guts (aggr.]
    to-[Un-a. bowel]
Pawe,\(\left\{\begin{array}{l}\text { vifcontinue } \\ \text { Reft }\end{array}\right]\)
    a-[Period]
Peace. RM. O.
    -ablenefs. Mat. IV. 3.
    to bold one's-[a. \(\left.\begin{array}{c}\text { Tacitur- } \\ \text { nity } \\ \text { Silence }\end{array}\right]\)
Peach. Tr. II. I.
    to-[Accule]
Peacock, [Bi. II. 2. fp. (male]
Peaben, [Peacock (fem.]
Peal, [Tunable ringing]
Pear. Tr. I. 2.
Peafant, \(\left\{\begin{array}{l}\text { Ruftic } \\ \text { villain }\end{array}\right\}\) (perfon)
Peafe. HS.II. 2. A.
    Chich-HS. III. 2.
    Winged wild-HS. II. 5.A.
    - Earth-nuts. HS. II.7. A.
Peafecod, [Cod of Peale]
Peccudillo, [Sin (dim.]
Peccant, \(\left\{\begin{array}{l}\text { adj. a. Sin] } \\ \text { Guilty] }\end{array}\right]\)
Pcck, [Two gallons]
    to Mo. VI. 5. A.
Pefforal, [adj. Breaft]
Peculiair, [Proper]
Pecuniary, [adj. Money]
Pedal.
    Pedant, \(\left\{\begin{array}{c}\text { Teacher (corr.) of } \\ \text { children]. } \\ \text { adiflanimity } \\ \text { (perfon] }\end{array}\right.\)
Pedee. RM.III. 8. A.
Pedegree, [Series of Anceftors]
Pedeftal. Mag. V. 3.
Pedler, [Wandring Merchant
    (corr.]
Peding, \(\left\{\begin{array}{l}\text { Sorry (dim.] } \\ \text { Little (corr. }\end{array}\right.\)
Pedobaptifm, [Baptifm of In-
    fants
Peeble. St. 1. 2.
Peece.
    [Part]
        \{Chip\}
        \{Fragment]
        -meal, [adv. Part (regr.]
        all to-s, [In parts]
    [Total]
        of one- \(\left\{\begin{array}{l}\text { Entire } \text { Continued }\}\end{array}\right.\)
    [Gun]
    [20 s.]
    to- [Repair]
        fp. by adding fragment]
``` & \begin{tabular}{l}
-together, [Together-joyn] \\
Peel, vid. pill. \\
Bakers-[Staff with Lamin at the end] \\
Peep. \\
-of day, [Day (inc.] \\
[See (end) fecretly] \\
Peer. \\
[Cry as Rird (young] \\
[Equal] \\
lefs, [Not adj. p. Equal (por.] \\
[Nobleman] \\
[Factitious barik] \\
Peeviflnefs, [Morofenefs] \\
Peg, [Pin] [p. for faftning] \\
Peiony, HS. I. I. \\
Pelamis. Fi.III.4. A. \\
Pelf, [Riches (corr.] \\
Pelican. EI.IX.4.A. \\
Peller. [Bullet (like] \\
Pellitory. \\
-of Spain. HF. V. II. \\
-of the zpall. HF, I. 16; \\
Pellucid, [Tranfparent] \\
Pelmel. \\
[Game of friking bowl(dim.) through a hole] \\
[adv. \(\left\{\begin{array}{l}\text { Mixcure] } \\ \text { Confuion }\end{array}\right]\) \\
Pelt. \\
Sheeps-[Sh. skin] \\
Shepherds-[Sh. (veft.) \\
\({ }^{10}\) - \\
Pen.
\[
\left[\begin{array}{l}
\text { Chafe } \\
\text { Caft ftones }
\end{array}\right]
\] \\
[Coop] \\
[adj. Writing (inftr.] \\
- man, [adj. Wri- \(\varsigma\) (perfon] ting \{ (off.] \\
-knife, [K. for pens]
\[
\text { to-\{ } \left.\begin{array}{l}
\text { Sepiment } \\
\text { Write }
\end{array}\right]
\] \\
Penal, [adj. Punifhment] \\
Penalty, [Punifhment] \\
Penance. \\
[Punifhment] \\
[Repentance] \\
Pence, [plur. Penny] \\
Pencil, [adj. Painting (inftr.] \\
Pendant. \\
[ P . Hanging thing] \\
Peñdu-\{ adj. a.Siving] \\
lous, \{ Doubtful] \\
Penetrate, \(\left.\begin{array}{l}\text { Inito } \\ \text { Through- } \\ \text { Out- }\end{array}\right\}\) ition] \\
Penguin. Bi.IX. 6.A. \\
Penifle. W.III. 4.O. \\
Penitent, [adj. Repentance] \\
Penner, [adj. \(\left\{\begin{array}{c}\text { Pen (vels] } \\ \text { Writing (per- } \\ \text { fon] }\end{array}\right.\) \\
Penny. Mea. IV. 2. \\
-fatber, [Penurious (perfon] \\
- 200rith, [Price (manner] Pennyroyal. HF. VII. 8. \\
Pennjwert.
\end{tabular} &  \\
\hline
\end{tabular}



\begin{tabular}{|c|c|c|}
\hline P 0 & P. 0 & P O \\
\hline & \multirow[t]{8}{*}{} & \multirow[t]{5}{*}{\[
\left\lvert\, \begin{aligned}
& \text { Porbiate } \\
& \text { [Part] } \\
& \text { [adj. Proportion (part] } \\
& \text { Wifes [W. part of the Inhea } \\
& \text { ritance] }
\end{aligned}\right.
\]} \\
\hline & & \\
\hline ich finger] \({ }^{\text {a }}\) & & \\
\hline Diftinguih with Period] . & & \\
\hline & & \\
\hline  & & Rootmanteak, [adjoferding-bag] \\
\hline [Weigh equaliy \} & & Portray, \(\left\{\begin{array}{l}\text { a. Defrription } \\ \text { a, Piqure }\end{array}\right.\) \\
\hline Poifoning. R.].V. 5. A. & & ? \\
\hline Po & & \\
\hline taff & & [Try] fp. by queftions] \\
\hline \[
\text { -ax, [Cut- }\left[\begin{array}{l}
\text { Club } \\
\text { ting }
\end{array}\right. \text { Hame }
\] & hip & \\
\hline -of Cart. Po.V.s. A & & , \(\left\{\begin{array}{l}\text { Sentence upon-wricten }\}\end{array}\right.\) \\
\hline \[
\begin{aligned}
& \text {-of a } \operatorname{loip}, \\
& \text {-of a globe. }
\end{aligned}
\] & \begin{tabular}{l}
[adj. Póverty] \\
Needy, [adj Manting]
\end{tabular} & \begin{tabular}{l}
Pafition. \\
\$Propofition]
\end{tabular} \\
\hline Meafure. M & [Lean] ... & \\
\hline Fi§3. Fi. VII. 2. & & \(\{\) Size] \\
\hline Polecat. Be.IV. 5 - & Sorry] & [ Pofture] \\
\hline Polemic \{ RM. \({ }^{\text {c }}\) & adj. p. & Pofirive. T.Il \\
\hline - [adici. [ Dipputation] & & \\
\hline [Wifdom] Governmen & p, \(\left\{\begin{array}{l}\text { Sound of breaking of } \\ \text { bladder }\end{array}\right.\) & ndle] \\
\hline \begin{tabular}{l}
Civil-[adi. RC. (arc.] \\
-of affirance, [Bond ag
\end{tabular} & Pope. gun, [Gun (like) Tube] & Jefs, 3 Hold ] \\
\hline \[
\begin{gathered}
\text { lofs } \\
\text { Polipus. Ex. IX.I. }
\end{gathered}
\] & [Bihop] [p. of Rome] & \[
\begin{aligned}
& \text { 2a. Poffeffie } \\
& \text {-ion. Po. }
\end{aligned}
\] \\
\hline Sweet-LEx.IX. 1. & Popinjay, [Parrot] & Prefcription, [Cuftem of \\
\hline &  & P) (P \\
\hline [Brighten] & T & fet, [Broth of coagula \\
\hline S Beau & Popper, [Statue (dim.] & \\
\hline & Poppy. HS. VI & \[
\boldsymbol{P}_{0}^{0}
\] \\
\hline Poll, vid. Pole. & berned-HS, IV & [Wooden column] \\
\hline [Hinder part of the neck] by the - [adv. Yerfons (fegr.] & Populace, [People (kind] Popular. & [Swift, \(\left\{\begin{array}{l}\text { Carrier } \\ \text { Meffenger] }\end{array}\right.\) \\
\hline [Cut (perf.) the hair] & \begin{tabular}{l}
[adj. People] \\
Beloved by
\end{tabular} & -ride- [Ride on divers horfes fucceffively] \\
\hline \[
\begin{gathered}
\mathrm{a} . \text { Tax }] \\
\text { Opprefs }
\end{gathered}
\] & Populous. [adj. p. People (aus.] Porcellane. & to-[adv. Swiftnefs (ition [p. Riding] \\
\hline \begin{tabular}{l}
\(\left\{\begin{array}{l}\text { Opprels } \\ \text { Impoyerifh by taxes] }\end{array}\right.\) \\
pollard.
\end{tabular} & \begin{tabular}{l}
Porcetlane. \\
Herb. HL. VIII. 3. Veffel.
\end{tabular} & [Publifh by writing on column] \\
\hline [Deer (male) adj. pret, let go & Porch, [adj. Door (room.] & \[
\begin{aligned}
& \text {-accounts, [Write) } \\
& \text { the futhes in }
\end{aligned}
\] \\
\hline his horns] & Porcupinc. Be.III 5. & the furhmes in another book] \\
\hline [Lopped polute, โDefil & Pore. Mag. VI. I.
-blind. & -date, fDate after pret. \\
\hline Poltron, [Coward] & &  \\
\hline Polsgamy, [Having many wives] & put Look fixedy] & ] \\
\hline Polggon, [Having many angles] Polymountain. HF. VI. 6. & Porker, [Young hog & RO. I. I. O. \({ }^{\circ}\) \\
\hline Polymount ain. HF. VI. 6. Polpody. HL. I. 6. & \begin{tabular}{l}
Porker, [Young hog] \\
Porphyrs, [Reddifh Marble]
\end{tabular} & Poftern,[ad). Hinder-part (door] \\
\hline Poljfyluable, [Having many fyl[ables] & Porpeis. Fi. J. 1.A. Porrage, vid. Portage & Pofthumous, [Born after Father's death] \\
\hline Poman- \(\left\{\right.\) Sphear - \(z^{\circ} \mathrm{f}\) per- & Porringer, vid. Pottinger. & Poftil, [adj. p. Preaching (ching) \\
\hline \[
\begin{aligned}
& \text { der, } 2 \text { Apple (like) } 5 \text { fumes] } \\
& \text { Pomecitron, [Apple of the Ci- } \\
& \text { tron-tree] }
\end{aligned}
\] & \[
\begin{gathered}
\text { ort. } \\
\text { [Haven] } \\
{[\text { Gate] }]}
\end{gathered}
\] & Poffilion, [Eefore-riding (perfon] \\
\hline \begin{tabular}{l}
Pomegranat. \\
--tree.Tr. I 6.
\end{tabular} & \begin{tabular}{l}
thole. RN. \\
[adj. out-fid
\end{tabular} & \begin{tabular}{l}
efpone, [Lefs efteem] \\
flcript, After- \(\}_{\text {writen }}\)
\end{tabular} \\
\hline t] & Pertable, & \[
\begin{aligned}
& \text { Poffcript, }\{\text { Under. }\} \text { (thing] } \\
& \text { Poffulation, [Demand] }
\end{aligned}
\] \\
\hline Pomp, Solemni & Portage, & Pofare. AC. VI. \\
\hline Pompholys, Met. IV. 2. A. & age & \\
\hline Pompion. HS. VII. 1. & Portal & \\
\hline \[
\begin{gathered}
\text { Pompouf. } \\
\text { nefs, }
\end{gathered} \begin{aligned}
& \text { Solemnity (zugm.] } \\
& \text { Magnificence] }
\end{aligned}
\] &  & -hangers, [adj. 2, Hanging \\
\hline Pond, [Lake. W. IV. J.A. & cril (augh.] & \\
\hline \begin{tabular}{l}
(dim.] \\
-weed. HL. VII. 8.
\end{tabular} & Porter, [adj. Door (Off.] [Bearer] & lit, [adj. Covering (thing) \\
\hline narroe leaved-HF, VIII. &  & for por.] \\
\hline & & ¢ \\
\hline
\end{tabular}
\begin{tabular}{|c|c|c|}
\hline \(\mathbf{P R}\) & \(\boldsymbol{P R}\) & P R \\
\hline -fberd, [ [ r ragment of earchend (rers] & \begin{tabular}{l}
Prayer, [adj.RE. IV. I. (ching]] \\
Praife. RO. V. 8.
\end{tabular} & \[
-k r e,\left\{\begin{array}{l}
\text { Authority } \\
\text { Office }
\end{array}\right]
\] \\
\hline Potable, [adj. p. Drink (apr.] & Prance, \(\left\{\begin{array}{l}\text { Go proudly } \\ \text { Tror }\end{array}\right.\) & \\
\hline Potato. HS. IX. \(3^{\circ}\) & Prance,
Prank. & \[
\left\{\begin{array}{l}
\text { More- } \\
\text { Before- }
\end{array}\right\}\left\{\begin{array}{l}
\text { efteem } \\
\text { chufe }
\end{array}\right]
\] \\
\hline \begin{tabular}{l}
Potent, [adj. Power] \\
\(\int\) Powerful (perfon]
\end{tabular} & [Extraordinary adiod] & [perfon, \(\left\{\begin{array}{l}\text { Dignity } \\ \text { Yow }\end{array}\right.\) \\
\hline Potentate, \{ Prince] : & [a. Ornare (make] & [adj. a. [ Yower \({ }_{\text {bill }}\) [adj, a. Bill] \\
\hline \begin{tabular}{l}
Potential, T. III. 5. O. \\
Potgun. [Gưn (like) Tube]
\end{tabular} & Prate, [a. Loquaciry] & Prefigure, [Before adj, a. type] \\
\hline Potion, [Potable (thing] [p. Medicinal] & \begin{tabular}{l}
Pratic, [Licence to trade] \\
Prattle, [a. Loqnaciry]
\end{tabular} & \[
\begin{array}{r}
\text { Prefix,[Before- }\left\{\begin{array}{l}
\text { Faiften] }] \\
\text { adj. a. }
\end{array}\right. \text { Appoini] }
\end{array}
\] \\
\hline Potherd, [Fragment of earthen & Pravity, [Evil (abftr.]. & \[
\text { Pregnant, }\left\{\begin{array}{l}
\text { Full }\} \\
\text { Imoorta }
\end{array}\right.
\] \\
\hline Portas.] \({ }^{\text {P }}\) Broth] : & Prawn, [Shrimp] Ex. VI. \(4 \cdot\)
Preach. & Prey, [Boory] \\
\hline Pottrer, [adj. O.IV. A. (nech.] & Preamble, [Prologue] & Prejudice, [Before-opinion \\
\hline \begin{tabular}{l}
Pottinger, [Difh for broth] \\
Pottle, [Two quarts] \\
Potulent, [adj. p. Drink (apt.]
\end{tabular} & Prebendary, [AT-\{ Cathedral \(\left.\begin{array}{l}\text { Seflor of }\{\text { Collegiate } \\ \text { Church }\end{array}\right]\) & \(\underset{\text { cial, }}{\text { corr. }}\) Hurful] Impedient] \\
\hline Porulent, [ad.
Pouch. & Precaution, [Warning] . & Prejudicate, , a, Sentence ] \\
\hline \({ }^{\text {[ Bag (dim }}\) & Precedenct. Sp, I. 2.E.
Precedent. & Preke, [Pourconurel' Ex.IX. 1. \\
\hline [Stomach] & Precedent.
[Exemplar] & Pretare, [Bijhop] RE. 11. 4. A. \\
\hline onder. & [Preceding] & Prelude, [adj. Preparation \\
\hline \(g^{k n}\)-RM.V. 7. A & Precellence, [Excellence] & \\
\hline to- & Precind, [Authority (placę] & rate] \\
\hline Sprinkle. Pr. III. 7. A. ( p . with falt) & \[
\begin{aligned}
& \text { Precious, [adj. Price (augm.] } \\
& - \text { ftone, }[\mathrm{Gem}]
\end{aligned}
\] & \begin{tabular}{l}
Premife, \& put] \\
[Before- \{luppore]
\end{tabular} \\
\hline Poverty. Ha. II. 2.O. & Precipice, [Sreep (place] & Premonis, [Before.warn] \\
\hline Poult, [Groufe]
Poultice, [Soft plafter] & \begin{tabular}{l}
Precipitate. \\
Chymic. O. VI. 3. A.
\end{tabular} & Premunire, [Forfeiture of goods and liberty] \\
\hline  & Capital punifhment. RJ.V. & Prentice 3 (merc.] \\
\hline Pounce, [Claw of bird] & & [Difciple [ mech.] \\
\hline to- [Pink] & [Haft (exc.] & Preoccupation, [Beforc-poflet
Preordain, \\
\hline \begin{tabular}{l}
pound. \\
Weight. Mea. III. 5.
\end{tabular} & ecije. & Prepare. TA. III. 2. \\
\hline Money. Mea, IV. \(5^{\circ}\) & \{Perfect \({ }^{\text {d }}\) (augm.] & foods Pr. II \\
\hline Pinfold, [Imprifoning (cep.) for beafts.] & \[
\left.\begin{array}{l}
\sum \text { Regular } \\
\text { Scrupulous }
\end{array}\right]
\] & Preponderate, [More-weigh] Prepofition. D.II. 8. \\
\hline [Imprifon] & Precocity, [Soon (exc.) Ripeneff, & Prepefterous, [Againft-order'd] Prepuce, [Stin to be car off in \\
\hline [Bray with Cylinder] Mo. VI. 3. & Precognition, [Before-knowing] & Circumcifion] Prerogative. RC.IV. 7. prefage, [Before-fign] \\
\hline \[
\text { poun- }\{\text { Tax }\}^{2}
\] & \begin{tabular}{l}
Precontralt, [Before-contract] \\
Predetort [adi; a, Boory]
\end{tabular} & Prefage, [Before-fign] Presbyter. RE.II. S. A. \\
\hline pourcontrel.Ex.IX. I. & Predeceflor, [adj. Preceding & Prefcience, [Before-knowing] \\
\hline Pouring. 0.118. & (perfon] & Prefribe. \\
\hline Pourtraitcure, [Piture] & \begin{tabular}{l}
Predeftinate, \{ determine] \\
[Before \{appoint]
\end{tabular} & [Beforc-appoint]
L-by Law, [a. Law \\
\hline Pout, [Angry mouth (manner]
to AC.IV. 2. O. & Predicable, [adj. p. Predicate & -by Cuftom, [2. Right \\
\hline \begin{tabular}{l}
Eel-Fi. VI. 6.A. \\
[Heathcock] Bi. II. s.
\end{tabular} & \begin{tabular}{l}
(apt.] \\
Predicament. TA.
\end{tabular} & (make) by pret. cuftom] prefence. \\
\hline Power. & Predicate, D. II. 5.A. & -in place. Sp. II. I. \\
\hline \begin{tabular}{l}
Natural-NP. \\
\{ Might] Ha.II. 6.
\end{tabular} & \begin{tabular}{l}
Predication, [a. Predicatc] \\
Predifion, [Before-telling]
\end{tabular} & -cbamber, [Room for Ring's
prefence] \\
\hline Authority] & Prediction, \(\{\) Prophecy] & \begin{tabular}{l}
-intime: Sp. I. I. \\
[Sprightinef]
\end{tabular} \\
\hline \[
\begin{aligned}
& \text { fill, [adj. a. Power] } \\
& \text { in one's-[adj. p. Power] }
\end{aligned}
\] & \[
\text { Predominant, }\left\{\begin{array}{c}
\text { More power- } \\
\text { ful }
\end{array}\right.
\] & Prefent, [adj. Prefence] \\
\hline Pox. & , adj, a. Victory] & \\
\hline \[
\begin{aligned}
& \text { French_S.S.II. } 6 . \\
& \text { Small-S. II. 4. }
\end{aligned}
\] & Pre-election. [Ruther-chufing] Pre-eminence. & [Reprefent] \\
\hline & \{Superiority] & [ Gift ] \\
\hline \[
\left.-\operatorname{Lawh}_{P b y C}\right\} \text { RC. II. A. }\{
\] & \{Excellence」 Dignity] & \[
\text { Prn- }\left\{\begin{array}{l}
\text { Right of gi- } \\
\text { ving }
\end{array}\right. \text { Prieft's }
\] \\
\hline ZAction] & S & tation Giving of \}(place] \\
\hline \(\left\{\begin{array}{l}\text { Endeavour] } \\ \text { Eflay }\end{array}\right.\) & \(\underset{\text { Preemp- }}{\text { rion, }} \boldsymbol{\{}\) \{ \(\left.\begin{array}{l}\text { Betore- } \\ \text { Firf- }\end{array}\right\}\) buying. \(]\) & right
adv. Preemr, \\
\hline \[
\begin{aligned}
& \text { Exiay } \\
& \text { Eed, [Expire] }
\end{aligned}
\] & Preexiffence, [Before-actualnefs] & \begin{tabular}{l}
efentl) 2 adv. Future (dim.] \\
[ Eecp]
\end{tabular} \\
\hline Pragmaticalnefs, [Diligent (corr.] & Preface, [Prologue] & \[
\text { eferv, }\left[\begin{array}{l}
\text { Defend] } \\
\text { Condite }
\end{array}\right]
\] \\
\hline Pray. RE.IV. 1. . & Prefed, [adj. \(\left.\begin{array}{c}\text { rity } \\ \text { rffice }\end{array}\right\}\) (per- (on] & A Ation of God. AS. L. \(4 \cdot{ }_{\text {Pre. }}\) \\
\hline
\end{tabular}
\begin{tabular}{|c|c|c|}
\hline \(\mathbf{P} \mathbf{R}\) & \(\mathbf{P} \mathbf{R}\) & \(\mathbf{P} \mathbf{R}\) \\
\hline Prefervative，「2dj．2 Preferve
（thing） & \[
\text { Pry, \{ll} \text { Sec (end] } \begin{aligned}
& \text { a. Spy }]
\end{aligned}
\] &  \\
\hline Prefident & Priapijm．Dif & \\
\hline & Price．RC．V． & \\
\hline Example］ & & \\
\hline efs． & Mark，［adj．P．Object（thing］ & \\
\hline ［ a．Compreffion］ & \[
\begin{aligned}
& \text { Mark, Ladj. P. Object ( } \\
& \text { STooch Mag. IV . }
\end{aligned}
\] & Jakes \\
\hline \begin{tabular}{l}
\(\rightarrow\) de death．RJ．V． 3. \\
Printer＇s－［adj．2．Printing
\end{tabular} & \｛Prickle，［Thom］PP．I．3．A． －ing．Mo．VI．7．A． & Privileg \\
\hline \[
\begin{aligned}
& \text { (jug.] } \\
& \text { Wine - [adj. Wina (jug.] } \\
& \text { (Danfe) }
\end{aligned}
\] & - pain．AC．II．7．A． －forward，s［a．Impul－ －on，\｛ five」 & \begin{tabular}{l}
－ed place，［p．Immunity （place］ \\
Privities．PG．VI． 8. \\
Prize．
\end{tabular} \\
\hline － & ［a．Plant］ & \\
\hline Heavy &  & ［Reward of victory］ \\
\hline \begin{tabular}{l}
\(\square\) Necef \\
［a． \\
Coad \\
－fouldiers
\end{tabular} & Pricket，［Buck．Be．II．6．of the recond year．］ & \(\left\{\begin{array}{l}\text { Fighting } \\ \text { Gaming }\end{array}\right.\)［p．for wager］ \\
\hline \begin{tabular}{l}
（make）by coaction］ \\
Perfuade
\end{tabular} & \begin{tabular}{l}
Pride．Man．V．2．D \\
Prief．
\end{tabular} &  \\
\hline \[
\text { [a. }\left\{\begin{array}{l}
\text { Perfuade } \\
\text { Intreat }
\end{array}\right\} \text { (augm.] }
\] & Prieft． fexi & \[
\text { feem } 7
\] \\
\hline ［Multitude］ & Primary，［Chief］ & Probable ［adj．\(\left\{\begin{array}{l}\text { Opinion } \\ \text { Probation }\end{array}\right\}\)（apt．］ \\
\hline Throng，［Denfe \(\left\{\begin{array}{c}\text { Mggre－} \\ \text { gare }\end{array}\right]\) & \[
\text { Primate. RE. II. } 4 .
\]
\[
\text { Prime }\{\text { Firf] }
\] & \begin{tabular}{l}
Probation．D．VI． 6. \\
－er，「adj．p．Eflaying（per－
\end{tabular} \\
\hline \｛ \(\left\{\begin{array}{l}\text { Apparel } \\ \text { Books }\end{array}\right\}\)［Box－］ & \[
\begin{aligned}
& P r \\
& P r
\end{aligned}
\] & ［Depth meafure（pin］ \\
\hline \[
\text { Prefure, }\left\{\begin{array}{l}
\text { rreil } \\
\text { Nec } \\
\text { Affi }
\end{array}\right.
\] & \begin{tabular}{l}
Primogeniture，［Firft birth （abftr．］ \\
Primrofe．HS．VIII． 1.
\end{tabular} & \[
\text { Problem, } \left.\left\{\begin{array}{c}
\text { Propofi- } \\
\text { qion } \\
\text { Queftion }
\end{array}\right\} \text { to be dif } \text { pured }\right]
\] \\
\hline \begin{tabular}{l}
［Ready］ \\
igiater．KC．II．9．A．
\end{tabular} & Prince．RC．I．2．A． ［Ring＇s Son］ & \begin{tabular}{l}
Probofis，［Trunk］PP．V．4．A． \\
Proceed．TA．VI． 2,
\end{tabular} \\
\hline Prefume． & －＿＇s feather．HF，I．1s．A． & \[
- \text { from, [adj.p. }\left\{\begin{array}{l}
\text { Caufe } \\
\text { Birth } \\
\text { Deino }
\end{array}\right\} \text { from] }
\] \\
\hline a. Hope (corr.] & Principal．
［Chief］ & \begin{tabular}{l}
Being ； \\
［Serics of attions．］
\end{tabular} \\
\hline a．Hope（corr．］ fumption． & \begin{tabular}{l}
［Chief］ \\
［Governo
\end{tabular} & －\({ }^{\text {fodjcial．RJ．III．}}\) \\
\hline crong argu & 5 & cm \\
\hline Strong argum rp，Conje & －nefs．TM．I & \begin{tabular}{l}
Procefs． \\
［a．Proceeding］
\end{tabular} \\
\hline Prefumptuoufnefs． ［Hope（corr．］ & Principality．［Go （place） & ［a．Proceeding］ \\
\hline ［Rahnefs］ & & －of a bone， \\
\hline \(\left\{\begin{array}{l}\text { Irreverence } \\ \text { Arrogance }\end{array}\right.\) & Caure］ & fime，\(\{\) \\
\hline Prefuppofe，［Before－fppore］ & Element］ & Aft \\
\hline & Primt．\({ }_{\text {［Mark］}}\) & p, writeer \\
\hline \(\left\{\begin{array}{l}\text { Seeming } \\ \text { Feigned }\end{array}\right.\) cmule ］ & ［Impreffion］ & \begin{tabular}{l}
rocefjon． \\
［Proceedine］
\end{tabular} \\
\hline \begin{tabular}{l}
Pretend． \\
［Seem（mak
\end{tabular} & \[
\begin{aligned}
& \text { Ling. AC. IIl. . A. A. } \\
& \text { rior, [abby (Off.] }
\end{aligned}
\] & ［Solemn about－waliking］ Proclaim，［Publifh］fp．folemn－ \\
\hline ［Diffemble］ & & ly］［［Publin［ \\
\hline Preterition，\({ }^{\text {P／}}\) Pmiff
Pretermit， & Prijo．\({ }^{\text {Prifon，［Imprifonsaent（place］}}\) & Proclama－ \(\left.\begin{array}{c}\text { tion } \\ \text { Publifhing } \\ \text { EdiA }\end{array}\right]\) \\
\hline Pretext．
\[
\left.\left\{\begin{array}{l}
\text { Seeming } \\
\text { Feigned }
\end{array}\right\} \text { caure }\right]
\] & \begin{tabular}{l}
Prifoner．Reputed Criminal．R］． \\
I．3． 0. \\
［adj．p．Imprifon（perfon］ Former］
\end{tabular} &  \\
\hline Pretty．\({ }_{\text {［Hand }}\)（ \({ }^{\text {dim．］}}\) & Prifin，\(\left\{\begin{array}{l}\text { Form } \\ \text { Old }\end{array}\right.\) & Procreatc，［Generate］ \\
\hline ［－adj．Mediocrity］ & \begin{tabular}{l}
Privado，［Friend（augmo］ \\
Private．
\end{tabular} & \\
\hline Prevail． ［ Superiour］ & op，to Public，［adj．TM，Y． & ［Advocate］ Procuration． \\
\hline ［2．\(\{\) vikory］ & ［Concealed］ & ［adj．Protior（make］ \\
\hline ［Obrain］ Prevarication． & ［Concealed］ －man，［Not－magiftrate］ & \begin{tabular}{l}
［ p ．writing］ \\
［Procuring］
\end{tabular} \\
\hline \begin{tabular}{l}
［Berraying by pleading］ \\
［Deceit－5 Action］
\end{tabular} & Prioateer，［Private man of war．］－［a Privative］ & \begin{tabular}{l}
Procure． \\
［Caufe］
\end{tabular} \\
\hline & ation，［a．Privative］ & ［Furnin］ \\
\hline \begin{tabular}{l}
Prevent．TA．III．9． \\
Previous，\｛ Preceding］ \\
［adj．\｛Preparation］
\end{tabular} & \begin{tabular}{l}
Privalive．I．II．
Privet． Sh ．II． 1. \\
Ever－green－Sh III．3，A．
\end{tabular} & ［Obtain］ Prodigality．Man．III．I．E． \\
\hline
\end{tabular}
\begin{tabular}{|c|c|c|}
\hline P R & \(\mathbf{P R}\) & PR \\
\hline ```
\(\left.\begin{array}{l}\text { Pro- } \\ \text { dien, }\end{array} \begin{array}{l}\text { Preter-natural } \\ \text { Extraerdinary }\end{array}\right\}\)
dig, \(\{\) Extraerdinary \} (thing]
            fp. before-figning a. ad-
                verfity]
Prodigious.
    [adj. Prodigy]
    [Great (augmi]
Produce.
    [Out-take] \{p. from conceal-
        ing (place.]
    [a. Caure]
    -fruir, [2. Fruit]
    -by Multiplication, [a. Pro-
        duat
    [Known (make]
    \(\left\{\begin{array}{l}\text { Extend } \\ \text { Long (make] }\end{array}\right.\)
    \(\left\{\begin{array}{l}\text { Long } \\ \text { Continue }\end{array}\right.\)
Produrt. TM. VI. 8. O.
Proem, [Prologue]
Profane.
    Irreligious, [adj. RE. IV. D.]
    [Not-confecrated]
    ton,RE. V. 1.0.
Profefs' [a. Profeffion]
    -ion.
    [Acknowledgment]
    Calling: RC.II.
Proffer, [Offer]
Proficient, [adj. Profr]
Profit.
[adj.Profitable (thing]
[Gain]
[Revenuc]
-able. T.IV.I.
to-[a.Profit]
-inlearning, [Increare-]
Proffigate.
[Driven away]
[Vicious (augm.]
Profound.
[Deep]
[Obfcure]
Profundity.
[Depth]
[Obfcurenefs]
Profufe, \(\left\{\begin{array}{l}\text { Prodigal] } \\ \text { Squandering }\end{array}\right]\)
Progeny,[Defcen- \(\{\) kinde]
dents \{ (aggr.]
Progenitor. RO. I. I.
Prognofticate.
[Before- \(\left\{\begin{array}{l}\text { know } \\ \text { tell }]\end{array}\right]\)
Progrefs.
- \&Procceding]
\{Journey]
[Increafe]
-ion.
[Proceeding]
-of Animals. Mo.I.
[Continuing]
[Joyning]
Probibit.
[Forbid]
[Hinder]
ProjeZling.
[Defigning]
[Contriving]
Projettion.
Gold] [a. Factitious
``` &  &  \\
\hline
\end{tabular}


\begin{tabular}{|c|c|c|}
\hline A & R A & R A \\
\hline \multirow[t]{7}{*}{\begin{tabular}{l}
Quoit, [adj. p. caft (apt) ftone (lamin.] \\
Ruotation. D. IV. 9. \\
R woth, [Saich] \\
Ruotidian, [adj. Days (Segr.] \\
enotient. Number TM. VI. 9.
\end{tabular}} & & \\
\hline & Raillery, [2. Ürbanity] & ¢ \\
\hline & Raiment, [Clothing] & Genuine (co \\
\hline & & \\
\hline & -bow & \\
\hline & & \\
\hline & & [Degree] \\
\hline & & \\
\hline R. & - Siege, [Un- a. fiege] -up, [Up-raife] & \\
\hline \multirow[t]{2}{*}{\(\boldsymbol{R}_{\text {Abbet, [Cony] Be. MII. } 4 \text {. }}\) Rabbin, [Jew- \({ }^{\text {Teacher] }}\) ifh \(\{\) Graduate \(]\) Rabble. RC. I. \(7 \cdot\)} & & \\
\hline & \[
\begin{aligned}
& \text { [a. Dignity] } \\
& \text { [2. Caure] }
\end{aligned}
\] & om, [Price \(\{\) flaving] for un-\{ captivating] \\
\hline Race. & -a bank, [a. Bank (make] & \begin{tabular}{l}
3 (p. with \\
a. 2 captive \(\}\) price]
\end{tabular} \\
\hline \multirow[t]{5}{*}{```
[a. Running]
[adj. Running (place]
[Series]
[Defcendents (aggr.] RO.I.
I.O.
to-[Spoil] vid. Raze.
```} & -men, & [Little ftriking (imp.] \\
\hline & & \\
\hline & [a. \(\{\) Augmentation \(\}\) more \({ }^{\text {c }}\) ] & [Scraping] Man. III. 2.E. \\
\hline & -one's voice, [More-a. voice] & \\
\hline & Rake, Staples (line & Wild Turnip] \\
\hline Rack. [Jugament of parallel pins & \[
\begin{aligned}
& \text { Rake, Staples (Ince I. } \\
& \text { Of a fhip. RN. A. }
\end{aligned}
\] & [Forcible flupration] \\
\hline (augm.) & [adj. Staples (line) together & Rapid, [Swift (augm.] \\
\hline -for borfe, \&c. [Rack for Hay & adj. ga & Rapier, [Sword adj. pricking \\
\hline -for (pit, [Spit-fupporting (jug.] & ron] & Rapine, [a. Scrapingners] \\
\hline \multirow[t]{3}{*}{\[
\begin{aligned}
& \text { (jug.] } \\
& \text { for torment, [adj. RJ. VI. } \\
& \text { 3.(jug.].].IV. 3. : } \\
& \text {-bone. PG.I. }
\end{aligned}
\]} & & [p by 5 cxanin] \\
\hline & & adj. Rarity \\
\hline & [a. Pain adv. fcratching (like] & [Thin] \\
\hline to- [Exrend violently] & & Seldom] \\
\hline \multirow[t]{2}{*}{Torment. RJ. Vl. 3 . -woine, [separate irfrom the Lees]} & \({ }_{\text {Ram }}\) & \begin{tabular}{l}
[Excellent] \\
Rarifie, [a. Q.V.
\end{tabular} \\
\hline & & \\
\hline \multirow[t]{2}{*}{Racket. Net (inftr.) for a. balling]} & [Stinking adv. Goat (like] & Seldom \\
\hline & & \\
\hline [Tumule] & & Rasbury. \\
\hline Radiation, [a. Shining adv. line (figure] & , [into-ram] & Rafcal. \\
\hline Radical, [adj.Roor] & , Denfe \} inftr . & Lean] \\
\hline Radical, & r.] & Sorry] \\
\hline Radigh. HS. IV. So & & \\
\hline Raff, [Wort part] & & 0 Fortitu \\
\hline Raft, Ship (like) of togethertied Timbers] & ant, [Standing on the hinder & Op. to Confiderate. Ha. IV. \\
\hline Rafter, [Wooden column (dim.] Rag, [Off-torn fragment] & & \\
\hline \multirow[t]{2}{*}{\begin{tabular}{l}
-ftene. St. I. 2. \\
-mort: HF.III. 7.
\end{tabular}} & \[
\begin{aligned}
& \text { [fern.] }]
\end{aligned}
\] & Ra@, (ad). Fi teeth (plain] \\
\hline & Rampier. RM. VI. 3 & apis. \\
\hline Rage. & \begin{tabular}{l}
Rampion. HS, VII. 7. \\
Ramfon. HL. IV. 12.
\end{tabular} & \[
\begin{aligned}
& \text { at. Be. III. } 7 . \\
& - \text { 's bane, }
\end{aligned}
\] \\
\hline \multirow[t]{2}{*}{fp. of anger]} & mokntain-HL IV &  \\
\hline & Rana pifcatrix, [Toa & Proportion \\
\hline \[
\begin{aligned}
& \text { Ragged, } \\
& \text { tearing] }
\end{aligned}
\] & Rancour, [Hatred ( & [Price] \\
\hline Raya Oxjrinchos, Fi.II. 3. & & \\
\hline \multirow[t]{2}{*}{Fifh. Maide.
[Half diameter]} & -of beef, [Flank- & \\
\hline & \(f\) learber, [long (part- & Soon] \\
\hline \multirow[t]{2}{*}{Beam [Line of light] [Leaf of metal]} & mm, [Wandering & Early \\
\hline & Not & ther, [More], \\
\hline \multirow[t]{2}{*}{-in battel, [adj. p. Order for batsel]} & & \\
\hline & & [I \(\{\) before \(\}\{\) chule \(]\) \\
\hline -ofa Fifh. PP.IV. 6. A. - & & ifie \\
\hline Rail. \({ }_{\text {LEar] }}\) & -v. jo & [. Authority \\
\hline \multirow[t]{2}{*}{[Ear]} & & [Confirm] \\
\hline & [Exceffiva & Ratiocination. \(\mathrm{Nn}^{\text {n }} 2\) \\
\hline
\end{tabular}
\begin{tabular}{|c|c|c|}
\hline R A & R E & R E \\
\hline [a. Rational] & \[
\left\{\begin{array}{l}
\text { Soann } \\
\mathrm{Near}
\end{array}\right\}
\] & Proper. TA. IV. 3.O. \\
\hline [Difcourfe] & \begin{tabular}{l}
\(\{\) Near] \\
[Eafie]
\end{tabular} & [Accept] \\
\hline Rational. [2d. NP. 1.]
- Power. NP. I. & \{Willing] & [Ertertain] \\
\hline -Soul. W.I. 6. & [Inclined] & [adj. Receiving (perfon] \\
\hline Rattle, [adj. Rattling (inftr.] & [adj. Alacrity] Prepared] & [adj. Gathering (Off.] \\
\hline Rattling.
[Noice by murual ftriking of & \[
\left\{\begin{array}{l}
\text { Prepared] } \\
\text { Furnifhd }
\end{array}\right\}
\] & -ed, \(\left\{\begin{array}{l}\text { adj, p. Receive }] \\ \text { Cuftomary }\end{array}\right.\) \\
\hline folids (dim.] & Clothed] & eptacle. \\
\hline [Reproving (zugm.] & \begin{tabular}{l}
[Difpatch d] \\
-to dy, [Almoft adj, fut.
\end{tabular} & \(\left\{\begin{array}{l}\text { Receiving } \\ \text { Containing }\end{array}\right\}\left\{\begin{array}{l}\text { (thing } \\ \text { refs, }\end{array}\right]\) \\
\hline -0f Ship. RN.IV. 2. & - dying] & Reception, [Receiving] \\
\hline Rave. S.IV. I. A.] & Readmit, [Again-admit] & Recefs. \\
\hline Ravel, [Tangle] a. Confurion & \begin{tabular}{l}
Reality. \\
[Tling (abftr.]
\end{tabular} & [Receding] \\
\hline Ravelin. & Sincerity] & Rech, vid. Reach. \\
\hline Raven. & Realm, [King's (place] & Recidivation, [Relapre] \\
\hline Eird. Bi I. 5 & Ream, [Twenty quires] & Reciprocation. T. VI. 7.0. \\
\hline & Reap. O. III. 4. A. & Recite. \\
\hline [a. Rapacity] \({ }^{\text {Scrapingners }}\) & Rear. & [Repeat] \\
\hline [a. \(\left\{\begin{array}{l}\text { Scrapingnets } \\ \text { Extortion] }\end{array}\right.\) & [2. Dired (make] & [a. Narration] \\
\hline [a. Boory] & Reafon. & eckon. \\
\hline Raving. S. IV Ravibb. & [Caufe] [p. \(\left\{\begin{array}{l}\text { Inppuliare } \\ \text { Final }\end{array}\right]\) & \begin{tabular}{l}
Eftecm] \\
a. Number]
\end{tabular} \\
\hline \(\left\{\begin{array}{l}\text { Take } \\ \text { Stuprate }\end{array}\right\}\) violently] & \[
\begin{aligned}
& \text { [Argument] } \\
& \text { facalty. N. I. }
\end{aligned}
\] & [Account.] TA. IV. 6. - up, [a. Number] \\
\hline [a. Extafie] & \{Moderation] & [ Number (exc.] \\
\hline Raw.
[ün-skinn'd & [Equiry] & over - Account tooe \\
\hline Not-cook'd. adj, Mr. III. O. & by-0f. Prep. & [ much] \\
\hline [Not-digefted] & oxt of-[Exceffively] & (thing] [ad. p. ought pay \\
\hline [Unexpert] & to- & claim. \\
\hline \begin{tabular}{l}
Raze. \\
[a. Ruine]
\end{tabular} & -in one's mind. & [a. Gentle (make] \\
\hline [2.Deftruction] & \(\left\{\begin{array}{l}\text { Dificourle } \\ \text { Difpute] }\end{array}\right]\) & \begin{tabular}{l}
Turn] \\
-from errour, [Conver
\end{tabular} \\
\hline [a. \(\{\) Spoiling] fp, by fhaving] & -for, [a. Probation & - from vice, [Repent (make] \\
\hline Razor. \({ }^{\text {a }}\), & -againf, [Confute & Recisine, [Down-oblique the fuperficies] \\
\hline \begin{tabular}{l}
[Shaving (inftr.] \\
Knife for Mhaving]
\end{tabular} & (end] & Reclufe. \\
\hline Fifh. Ex. VIII. 8. A. & Reajonable, [adj. \(\left\{\begin{array}{l}\text { Reaion] } \\ \text { Mediocri- }\end{array}\right.\) & [Shut up] \\
\hline Bird \({ }^{\text {a }}\), & Reajonable, [ad. \({ }^{\text {a }}\) ( \(\begin{gathered}\text { Mediocri- } \\ \text { ty] }\end{gathered}\) & Recognize. \\
\hline -bill. Bi. IX. 7. & -government. Man. VI. 6. & [Confider again]: \\
\hline Re. Ad. IH. 3. A. Reach. & Reaffemble, [Again-affemble] & [Acknowledge] \\
\hline \begin{tabular}{l}
Reach. \\
[Extend] AC. VI. 2.
\end{tabular} & \begin{tabular}{l}
Reave, [Un-smit] \\
Rebaptize, [Again-baptize]
\end{tabular} & Recognizance, [Bond acknowledged before Magiftrare] \\
\hline -out. & Rebate, [Diminifh adv. propor- & Recoil. \\
\hline Deliver with exrended & Rebeck. & [Reflet] \\
\hline arm]. & Rebellion. & commend. \\
\hline \{ . Pandiculatior] & Vicc. Man. V. 5. D. & Offer] \\
\hline ¢ Vomit (end] & Crime. RJ. III. 3. & Entruf] \\
\hline [v. Continuance until] & Rebound, [Leap reflexly] & (p.adv. Commending] \\
\hline \(\left\{\begin{array}{l}\text { Take] } \\ \text { Obtain }\end{array}\right.\) & Rebuff, [Back-ftrikipg] & Recompence. \\
\hline \[
2 \text { Obtain] [Take (end] }
\] & Rebuild, [Again-build] & [Compenface] \\
\hline [Undertand] & \begin{tabular}{l}
Rebuke, [Reprove] \\
Rebus, [Expreffi- Name
\end{tabular} & [Reward]
Reconcile. \\
\hline -of a river, (curve (part) of ftream] & on (manner) of Sentence \} bypiturej & \[
\left[\text { Un-a. } \left\{\begin{array}{l}
\text { Enemy }]^{\prime} \\
\text { Contention }]
\end{array}\right.\right.
\] \\
\hline \[
\text { \{ End }]
\] & Recall \{ Sack-call] & [a. Peace (make] \\
\hline \{ Defign] & Recantation. D.VI. 9.A. & Reconquer, [Eack-cosquer] \\
\hline Reachlefs. & Recapitulate, [Repeat the funa] & [2. Memory] \\
\hline Carciers]
[Idle] & Recede. \({ }^{\text {[Back-go] }}\) & [a. Notary] \\
\hline \({ }^{\text {Readd. AC. III. 4. }}\) & [Back-go] & saketo-[a. Nocary (make] \\
\hline -ing, [Learning] Ha . & Receit. & \({ }^{\text {che }}\) Notary] \\
\hline ( Vl. 4. & [Receiving] & \(\left\{\begin{array}{l}\text { Notagy } \\ \text { Judge affifant io the Ciry }\end{array}\right.\) \\
\hline  & [Direction of Phyfic] & [ Judge affizant to the City \\
\hline [Prefent] & eceive. & [adj. Mufic pipe] \\
\hline
\end{tabular}
\begin{tabular}{|c|c|c|}
\hline RE & R E & \(\boldsymbol{R} \mathbf{E}\) \\
\hline [Eack-come] & Reduplicate. & in-of. Pron. I. 2. \\
\hline [Again-\{ \(\left.\begin{array}{l}\text { obraim } \\ \mathrm{Gam}]\end{array}\right]\) & \begin{tabular}{l}
[a. Double] \\
[Repear]
\end{tabular} & [Efteem]
[Refpert] \\
\hline [Poffers again] & Reed. HL. III. 7 & [Repleat] \\
\hline [Repair] & Burr-HL.III. 15.A. & - less, [Carelefs] \\
\hline \({ }_{\text {Recount. }}^{\text {[Again- v. Healthy] }}\) & flowring-HL. V. & Regene-\{ Again bc \\
\hline [a. Narration] & -mace. HL.III. 15. & Regent, [Inftead-King \\
\hline Confider] & Re-edifie, [Again-build] & Regiment. \\
\hline Recourfe, [To-coming] [p.often] & Reek. [Heap] & [Government] [Militiz] \\
\hline Recreant, [Perfidions] fp. through Coward & Vapour] & as a-of fouldiers. MM. IV. \\
\hline Recreation. Mo. V. & [Stagger] Mo. II. 4.O. & Region, [Country] W.III. A. \\
\hline Moderatenefs in it. Man. II. S.
Immoderatenefs in it. Man. II. & [a. Skein] & Reof the air, [Part] \\
\hline Immoderatenefs in it. Man. II.
s. D. & \[
\begin{gathered}
a-\left[\begin{array}{c}
\text { adj. } \\
\text { Skein }
\end{array}\right\} \text { (inftr.] }
\end{gathered}
\] & \begin{tabular}{l}
Register, [Notary] \\
Regrate, [Buy to Tell (corr.]
\end{tabular} \\
\hline Recrement, [Worft part] -of Metals. Met. IV. & Re-entry, \(\left\{\begin{array}{l}\text { Again- } \\ \text { Back }\end{array}\right\}\) entry] & Regrefs, [Again-come]
Regret. \\
\hline Recriminate, [Retort accufation] & \[
\begin{aligned}
& \text { Re-efla- } \left.\begin{array}{l}
\text { Again- } \\
\text { back- }
\end{array}\right\} \text { efta- } \\
& \text { blifh }
\end{aligned}
\] & \begin{tabular}{l}
[Grudging] \\
[Nolleity]
\end{tabular} \\
\hline Recruit, \(\{\) frengthen] & Refection. & [Averfation] \\
\hline [Again- 2 fill] & [Refrefhment] & Regular. RE. II. 6. \\
\hline Keap. to Curve.] & Refellory, [adj. meal (place] & \begin{tabular}{l}
Regularity. TM. V. \\
Regulate, [a. Rule]
\end{tabular} \\
\hline -angle, [Square having four & Refell, [Confute] & Regulus Criftatus. Bi. VI. 4 \\
\hline \begin{tabular}{l}
right angles.] \\
Requifying, [a. Right (make]
\end{tabular} & \begin{tabular}{l}
Refer. \\
[a. Relacion]
\end{tabular} &  \\
\hline Cbymical-0. V1.6.A. & anArbitrator (make] & \begin{tabular}{l}
Rebearfe. \\
[Repeat]
\end{tabular} \\
\hline Reflor, [Governour]] & Reference, [a. Arbitrator (make] & Again-lay] \\
\hline Recum- \{Leaning] & Refine. & [a. Narration] \\
\hline bency, \Truft 〕 & a. P & Reject. AS.IV. 5.0. \\
\hline Recufant. & \begin{tabular}{l}
[Un-a. rediment]: \\
Refleat, [2. Mag II 9]
\end{tabular} & [Abdicate] \\
\hline [adj. Refuring (perion] [Schifmatic] & Reflect, [2. Mag. II. 9.] [Look back] & Reign.
\[
\lceil\text { [. King }]
\] \\
\hline Red. Q. II. 2. & [Again-confider] & [King's (time] \\
\hline -breaff. Bi & Reflelli- [ Reflecting] & Reímbark, [Intoa. Mip again] \\
\hline lead, [Cinnabar] & Refun, \a.Reputation (corr.] & Reimburfe, [Pay] \\
\hline -ftart. Bi. V. s.A. Redargution, [Reproof] & \begin{tabular}{l}
Reflux, [Ebbing] \\
Reform. RO. VII 7 .
\end{tabular} & Rein.
\(\qquad\) adi Cohibiting \\
\hline Redargation, [Reproof] Redbreaff. Bi.V. 5. & \begin{tabular}{l}
Reform. RO. VI. 7. \\
Reformado, [adj. pret. Military
\end{tabular} & Hor \(\mathrm{re}_{\mathrm{e}}\)-[adj. Cohibiting \\
\hline Redeem. & (Off.-], \({ }^{\text {ade }}\) & [Cord of Bridle] \\
\hline Attion of God. AS. I.\%. & Refracted. Mag. II. 9.A. & Kidney] PG. VI. 7. \\
\hline [Back-buy] & Refraftorinefs. & Running of tht-[Flux] \\
\hline [Buy liberry] & [Perverfners] & Reindeer. Be. II. 4. A. \\
\hline [Un-capivate] & \({ }_{\text {Ref }}\) Contumacy] & Reinforce, [Again-Itrengthen] \\
\hline [Un-2 llave] & Refrain, \(A b y t a i n]\)
Refrane, & Reinveft, [Again-inveft] \\
\hline Redemand, [Back-demand] & Refrefh. & Rejoyce, [v. Joy] \({ }_{\text {Rejor }}\) \\
\hline Redemption, [Redeering] AS. & op. to wearinels. TA. v. 8. & Reifter, [Horleman] \\
\hline Redimio, [Rede] & [Mend] & Reiterate, [Repeat] \\
\hline Redolent, [Sweet] & [Renew] Refrigerate, [Cool] &  \\
\hline Redouble, \{ Repeat \({ }^{\text {a }}\) ] & Refuge, [To-flying] fp. for & [Again-ficken] \\
\hline Redoubt. RM. VI. 6. & fafery] [Safe & [a. Apofafic] \\
\hline Ip. in Repatazion] & Place, [adj. 2 Prore- (place] & Relate. \({ }^{\text {a }}\) Relation] \\
\hline [p.for Fortitude] & ction & [Tell]. \\
\hline Redound, [a. Evenr]. & Refulgent, [Shining] & [Pertain to] \\
\hline Redre \(\left[\right.\) S. \(\left\{\begin{array}{l}\text { Remedy } \\ \text { Amendment }\end{array}\right]\) & Refund. TA. IV. 5. A. Refufe. & \begin{tabular}{l}
Relation. T. I. 8. \\
-Deconemic. RO
\end{tabular} \\
\hline Redfbaxt. Ei. VII.4. & [Denying] & -of Confanguinity. RO. I. \\
\hline Redfart. Bi. Y. S.A. & [Kejecting] & -of Affinity. RO.II. \\
\hline Redwing. Bi. Ill. 5.A. & Abdicating \({ }^{\text {c }}\) & -of Superiorits and Inferiority. \\
\hline Reduce. & Power of firft buying] & RO \\
\hline [Caure] & the-[Worft part] & Equality. RO. Iv; \\
\hline \(j\) Make] & Refute, [Confute] & Civil. RC. \\
\hline \{ Again-make] & Regal, [adj Ling] & - fudicial. R J. \\
\hline [Bring back] & Regard. & - Military. RM: \\
\hline Redundant. [adj. Excecis [Superthous] & \[
\begin{aligned}
& \text { [a. Relaxion] } \\
& \text { in that-[Thereforc] Conj } \\
& \text { III. 3. A. }
\end{aligned}
\] & \begin{tabular}{l}
— Naval. RN. \\
-Ecelefiaftic. RE! \\
[Narration]
\end{tabular} \\
\hline
\end{tabular}












\begin{tabular}{|c|c|c|}
\hline S H & SH & S H \\
\hline \begin{tabular}{l}
Shank. \\
of Animal. PG. V. 5- \\
of Plant, [Stalk] \\
Shape, [Figure] \\
Sbare. \\
[Part] (p. adj. Proportioned] \\
[Divide] \\
to- \(\left\{\begin{array}{l}\text { Diftribute] } \\ \text { Partner (make] }\end{array}\right.\) \\
Pubes. PG. IV. 7 . A. \\
-bone, [Bone of the fh .] \\
Plow- [adj. Cutting (part) of \\
the adj. plowing (jug.] \\
Sharer, [Partner] \\
Sbark. \\
Fifh. Fi. I. 3. \\
[adj. a. Fraud (perfon] \\
if impudently fpending anorhers] \\
Sharp. \\
[adj. Acute Angle] \\
[adj. \(\left\{\begin{array}{l}\text { Point } \\ \text { Edge }\end{array}\right]\) \\
[adj. \(\left\{\begin{array}{l}\text { Catting] } \\ \text { Pricking }\end{array}\right.\) \\
of Animal, [adj. Vigor] \\
-fighred. \\
-of hearing] \\
—voice, [Shrill] -in mufic. Q IIII. 5.E. \\
- of tafte. Q.IV.4. [Hungry] \\
of mind [Sprightly] \\
[Sagacious] \\
\(\left\{\begin{array}{l}\text { Severe] } \\ \text { Auftere] } \\ \text { Cruel] }\end{array}\right.\) \\
Sharpen, [a. Sharp (make] \\
Sharpling, [Stickleback] \\
Shat- \(\$\) Shake into parts (dim.] \\
ter, 2 Bruife (freq.] \\
Shave. O.IV. I. \\
-grafs, [Horfe tail] \\
Shaver, [adj. Shaving (perfon] \\
a notable-[Extraordinary (corr.] \\
Sheaf, [Aggregated (thing] \\
[p. by together-p. bind] \\
Shear, [Clip] \\
Shears, [adj. Clipping (inftr.] \\
Sheard, \(\left\{\begin{array}{l}\text { Fragment } \\ \text { Piece }\end{array}\right\} \begin{aligned} & \text { of earth- } \\ & \text { en veffel] }\end{aligned}\) \\
Sheat. \\
Rope. RN.IV.s. A. \\
-Anchor, [Laft anch.] \\
-fifh. Fi. VI. 6. \\
[Young hog] \\
Sheatb. \\
\(a-\) [Care] \\
-fih. Ex. VIII. 8, A. \\
-flies wing, [Cruft of fly w.] to- [into-a-calc] \\
Shed \(^{-2}\) hip. RN. VI. 3. \\
Shed. \\
\{ Lofe. \\
LLetgo. \\
\(\{\) Spill. \\
ZLore. \\
- tears \(\left\{\begin{array}{l}\text { Drop tears } \\ \text { Weep }\end{array}\right]\) \\
-water, [spill w.] \\
a-[Houfé (dim.) [p. not walled]
\end{tabular} & \begin{tabular}{l}
Shee, \(\left\{\begin{array}{l}\mathrm{He} \text { (fem. } \\ \mathrm{Female} \text { ] }\end{array}\right.\) \\
Sheep. Bc. II. 2. \\
-Cote, [Houfe for fieep] \\
-Fold, [About-Sepimented (place) for fheep) \\
-Hook, [Shepherds Hook] \\
Sbeepifonefs. Man. III. 7. E. \\
Sbeere, [Clip] \\
- ater, [Simple water] \\
-wind, [adj. Cutting (like) wind] \\
Sbeet, [Lamin] \\
-of Linnen, [adj. Lobed(velt] \\
Shell. \\
of Animal. \\
of Oyfter, \&c. PP• IV. 2. \\
of Lobfter, [Cruft] PP.IV. \\
2. A. \\
E6g-[Cruft of Egg] \\
of vegetable. \\
-of Nur, [Stone] PP. II. 2. A. \\
—of Bean, \&c. [COd] PP. IIL. s. A. \\
-of Grain, [Husk] PP. \\
III. 3. \\
Shellaple. Bi.IV. 5.A. \\
Sbeldrake. Bi. IX. 2. \\
Sbelf. \\
Boord. Po. VI. 4. A. \\
Flat in the Sea, [Bank] W. III. 5. \\
Shelter. \\
[adj. a. Safecy (place] \\
[adj. \(\left\{\begin{array}{l}\text { Protection] } \\ \text { Defence] }\end{array}\right.\) \\
a. \(\{\) Defence] \\
[p. (place] \\
Shelving, [Oblique] \\
Shent, [adj. p. Reprehend] \\
Shepberd, [Herdrman of theep] \\
-s bodkin, [Cranes bill] \\
- s.fy. Ex.IV. 8. \\
-s needle, [Venus comb] HS. I. 5. A. \\
-spurfe. HS. VI. 3.A. \\
-s rod. HF. VIII. 2. A. \\
Sheriff, [adj. Shire (Off.] \\
Shew. \\
Gene- \(\left\{\begin{array}{l}\text { a. Knew (make } \\ \text { Un-a. Conceal }\end{array}\right\}\) ral, \(\{\) Un-a. Conceal \(\}\) \\
TA.I. 8. \\
Perfect, [Manifeft] TA.I.9. \\
Publick, [a. Public (make] \\
-what is not, [a. Appearance] \\
 than it is (2. Hypocrifie] \\
to fenfe. \\
by fignes, [a. Tign] \\
[a. Finger (fign] \\
by like, [Reprefent] \\
to the ear. \\
[Narration] \\
[Interpreta; on] [Probation] \\
to the \(\{\) Offer to be feen] cye \{ a.See (make] -fighrs, [a. Sights] -tricks, [a. Preftigiator] to the mind, [Revelation]
\end{tabular} &  \\
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\begin{tabular}{|c|c|c|}
\hline & & \\
\hline \(s\) & \multicolumn{2}{|l|}{\multirow[t]{45}{*}{}} \\
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\hline sleery & & \\
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\hline Sleerine, [Crafty oblique
manner] & & \\
\hline Sleet. El. VI. 4.A. & & \\
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\end{tabular}

\begin{tabular}{|c|c|c|}
\hline S O & SO & SO \\
\hline \begin{tabular}{l}
Steep. O. V. 7. \\
[Drink (augm.] \\
[a. Drunkennefs] \\
Solace. \\
[Comfort] \\
[Mirth] \\
Soland Goofe. Bi. IX. 4. \\
Solar, [adj. Sun] W. II. 2. A. \\
Sold, \(\left\{\begin{array}{l}\text { adj. a. prer. } \\ \text { adj. po }\end{array}\right\}\) sell] \\
Soldier. RM. III. \\
Sole. \\
alone, [Solitary] \\
-of foot -of [hoo [Bottom (part] \\
Fifh. Fi. VIII. I. \\
Spotted-Fi. VII. I. A. \\
to- \\
-a bowl, [a. b. (place) for volutation (inc.] \\
דones ear, [Pull (augm.)-] \\
-afhoo, [to-low bottom (part] \\
Solecifm, [a. Grammar (corr.] \\
Solemn, [adj. T. VI. 3. A.] \\
-look, [adj. Gravity, face (manner] \\
Solemnity. T. VI. 3. A.-. \\
Soleminize. a. T. VI. 3. A. \\
Solicite. \\
[Inftead-\{ Ation] \\
2 Bufnel's] \\
\{ augm.] \\
[Intreat, freq.] \\
Solicitous, [adj. Carking] \\
Solicitude; [Carking] \\
Solid. \\
Body. Ma.I. 4 . \\
[Maffie] \\
[Sufficient] \\
\{Judicious] \\
\{Grave\} \\
Soliloqu), [Alone-(peaking] \\
Solitary. RO.IV.2.O. \\
Solitude. \\
[Solitary (abftr.] \\
[Not-inhabited Countrey] \\
Solfice, [Motion (time) of Sun in Tropic] \\
Solve, [a. Solution] \\
Soluble. \\
[adj. Dunging (apt.] \\
[adjo p. Solution (pot.] \\
Solation. D. VI. 5.O. \\
Solutive, [adj. a. Dunging (apt.] \\
Some. \\
一one. Pron. II 3. O. \\
-certain. Pron. II. 3. \\
-body, [-(perion] \\
-time. \\
[in fome (time] \\
[adv. at times] Sp. I.8. O. \\
-wobat \\
[-(thing] \\
Lityle [part]
\[
\{(\operatorname{dim} . j
\] \\
-while \\
[Through fome (tirice]. [adv. Permanence (dim.] \\
Son. \\
[Child] fp. (male] \\
-in Law, [adv. Affinity
Son]
\end{tabular} & \begin{tabular}{l}
God the.-G. II. \\
Sqng, [adj. p. Sing (ching] p. verfes (aggr.] \\
Sonorous, [adj. Sound (augm.] \\
Sontic. \\
[Hurtful (augm.] \\
[adj. a. Impotent] \\
Soon. Sp. I. 4. \\
-at night, [inathe evening] \\
Soop, [Drink by fucking (imp.] \\
Soot. El. IV. 3. A. \\
Sooth, [Truth] \\
Soothing, [Affentation] \\
Soothfajer, [adj. Wizarding \\
(perfon \\
[ p , by Tignes] \\
Sop, [Soked bread (lam.] \\
to - [Soke] \\
Sope, Pr. VI. 5. \\
-wort. HL. VII. 3. A. \\
Sophifm, [a. Argumentation (corr.] \\
Sophifticate. \\
\{a. Spurious] \\
\{Forge] \\
[Make worfe by mixture] \\
Sopbiftry, [adj. Sc- \(\int\) (Art] \\
duce(apt.)a. ar-
gumentation (Manner] \\
Sorb, [Service] \\
Sorce- Witchcraft \(\}_{\text {[p. by }} 2\). \\
ry, 2 Wizarding \} Lots] \\
Sordidnefs. \\
[Slovenlinefs, 「Man II. 6.D. \\
Bafenefs. Man. III. 4. D. \\
[Pufillanimity] Man. III. 8. D. \\
Sore. \\
[adj. Pain] \\
(Fierce] \\
(augm. \\
—afraid, [afr. (augm.] \\
t0-[Fly high] \\
[Uleer] \\
[Deer (male) of the fourth year] \\
Sorel, [Deer (male) of the third year] \\
Sorites, [Syllogifm (aggr.] \\
Sorrel. HF. I.e. \\
-colour. \\
French-HF. 1. 2. A. \\
Şorry. \\
[adj. Grief] \\
Contemprible. TM. I. 4.D. \\
Sorrow, [Grief] \\
Sort. \\
\(\left\{\begin{array}{l}\text { Rind } \\ \text { Species }\end{array}\right]\) \\
 \\
[Manner] \\
after a- Manner] \\
[in forse\{Relation] \\
Sortition, [a.Lots] \\
Sot. \\
[Fool (augm.] \\
[Dull (angm.] \\
Tadj. Dotage (perfon] \\
[Drunkard] \\
Sonce, [Pickle]
\end{tabular} & \begin{tabular}{l}
Soverain. \\
[Chief] [King] \\
[Excellent] \\
Sought, \{ adj. a. pret. \(\}\) seek] \\
Souldier. RM.III.
\[
\text { fifh. Ex. VI. } 5
\] \\
Soule. W. I. 3. \\
Vegetative-W. I. 4. \\
Senfitive-W.I. 5. \\
Rational-W. I. 6. \\
Sound. \\
adj. Sanity, [adj. NP. V. 2.] \\
[adj. Health] \\
[Whole] \\
Perfea] \\
[Grear] \\
[Solid] \\
[Sincere] \\
- \\
Noife. Q. III. \\
Articulate, Q. III. A. \\
Fretum. W.IV. 5. \\
[Condited ftomach of Codfifh] \\
- \\
[Sound (make] (on] -well \(\}\)-ill \(\left\{\begin{array}{l}\text { Reputati- } \\ \text { Infamy }\end{array}\right.\) \\
[Effay for knowing the depth] \\
[Effay for knowing by conference] \\
Sour. \\
as Vinegar, [adj. ©. IV. 4.] \\
as green Fruit, [adj. Q.IV.3.] [Morofe] \\
Look-[Lowr] \\
Source. \\
[Original] \\
[Fountain] \\
[Rife] \\
South. Sp. III. 2. O. \\
-ern mood. HF. II. 10. \\
Sow. \\
[Hog. Be. II. 4. (fem.] \\
_gelder, [Un-adj. a. Tefticle (mech. \(]\) \\
_-'s bred. HL. VI. 6. A. \\
\(-t\) biftle. HF. III. 14. \\
Infect. Ex. II. 9. \\
-of Lead. [Caft (thing) -] \\
Sowe. \\
is Land, \&ec. O. III. \(4 \cdot\) \\
as Cloth, \({ }^{\text {sec. O.V. } 4 \text {. }}\) \\
-kp, \{ \{ Shut \(\left.\begin{array}{l}\text { Joyn }\end{array}\right\}\) by fowing] \\
Souse, [Pickle] \\
Sompter, [adj. Mending (mech.) \\
for adj. Foor (velf.] \\
Sowthiftle. HF. III. 14 \\
Space. Sp, \\
Inrerval, [Between-Ipace] \\
Spacious, [Ample] \\
Spade, [adj. lamin adj. digging (iinftr.] \\
Spada marina. Fi. VI. 8. \\
Spay, [Un-a. tefticle] \\
Spaid, [Red Deer (male) of the third year \\
Spalt; [Spelter] Met. III. 4.
\end{tabular} \\
\hline
\end{tabular}


\begin{tabular}{|c|c|c|}
\hline ST & ST & ST \\
\hline \begin{tabular}{l}
the fame being. T. I. 9. the fame degrec. T. I. the fame goodneff. T. I.9. the fame place. TA. VI. O. [Sand his ground] RM.II. 2. [keep the field] KM. II. 3. [Home] \{p. II. 4. \\
[Dwelling] Po. I. A. \\
[Reßl] Mo. O. \\
Difcontinue. \\
\(\left\{\begin{array}{l}\text { Cohibitive } \\ \text { Impedient }\end{array}\right\}\) \\
[Obftruation] \\
\(\left\{\begin{array}{l}\text { Hold } \\ \text {. }\end{array}\right.\) \\
\(\{\) Eeep] \\
-Injuriounly.RJ.IV. 3.A. [Prorrait] \\
[Defin] \\
Staies. \\
-of a hip. RN. IV. I. A. \\
Stain. \\
[Dying] O.V.3.A. \\
[2. Spottedners] \\
[2. Colour (corr.] \\
[Defile] \\
[Infamy] \\
Stairs. Po.IV. 1. \\
Stake. \\
[stick] PP. L. \(40^{\circ}\) \\
[Wager] [a, wager in prefent money, \&ec.] \\
Stale. \\
[old]
\[
\text { fp. corr. }]
\] \\
-Beer; [B. ripe (angm.] \\
[Urine]
ip. old u.] \\
[adj. Alluring (thing] \\
Stalk. \\
-of plant, [Stock] PP.I. 2. -of leaf or flower. PR.II. 7.
\(\qquad\) \\
Walk lofty. Mo. II. 3. \\
[Go Covered] \\
Stall. \\
[Go \(\{\) Concealed] \\
\{Room] \\
\(\{\) Table\} \\
Sp, for felling things] ; \\
Flead [adj, head (pari) of bridle] \\
Stallion, [Horie fept for generation \\
Stamen. PP. II. 6. A. \\
Stammod, [Red (dime.] \\
Stammer, [senserer]
\end{tabular} & \begin{tabular}{l}
Stamp. \\
[Pound] Mo. VI. 3. \\
-with foot, [Pound with fole of foot] [Contufion] \\
[Print] AC. III. 7. A. \\
Coin, [a. money with frikeing] \\
Stancb. \\
\{Cohibit] \\
[Defif (make] \\
fp. \(\left\{\begin{array}{l}\text { Dropping } \\ \text { Streaming }\end{array}\right]\) \\
[adj. \(\left\{\begin{array}{l}\text { Taciturnity }\end{array}\right]\) \\
Stand, Be for fome time, unmoved, in pofture direct. AC. \\
VI. I. A. \\
[Being] \\
[Duration] \\
-little while, [Tranfitorinefs] \\
-long time, [Permanence] \\
-of long-ing, [ad] \\
[Reft] -ftill. \\
[Stay] \\
-ones ground. RM:II. 2. [Stagnate] \\
-ing water, [Stagnum] \\
[Confift] Q. V. 5- \\
Place? \\
\(\left\{\begin{array}{l}\text { Sitantion }] \\ \text { Pofture }\end{array}\right.\) \\
[DireA] Mag. I. 8. E. [Grow] \\
-er, [Tree left for growth] -ing corn, [Not reaped] \\
-about, [ProtraCt] \\
-againft, [Refint] \\
\(-b y,\left\{\begin{array}{l}\text { Help) } \\ \text { Delend }\end{array}\right.\) (perfon] -er by, [Not-concerned -for, [adj. Faction] -cbild, [Be Godfather] -degree, [Be Candidate] \\
-in -preferments, [Obunin \\
(and) P.] \\
[p. Price] \\
[adj. \(\left\{\begin{array}{l}\text { Permanence] } \\ \text { Conftancy } \\ \text { Obftinacy }\end{array}\right]\) \\
fp. in affirming] \\
-Doabr, [adj. Doubt] \\
_-Fear, [adj, Fear] \\
-good- [ Adjuvant] ftead \{ U [eful] \\
-the way, [Impedient] \\
-off, \(\left\{\begin{array}{l}\text { adjo averfion } \\ \text { Demurring }\end{array}\right]\) \\
-axt.
\end{tabular} &  \\
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\begin{tabular}{|c|c|c|}
\hline ST & S T & S T \\
\hline \begin{tabular}{l}
\{ Abandon] \\
\{Foriake] \\
-kp, [Rife (imp.] \\
get tbe-[Ob- \(\{\) Precedence] tain \(\{\) Superiority] \\
Starter, [adj. a. Levity (perfon] \\
Starting bole, [Way of elcape] \\
Startle, [Fright (imp.] \\
Startup, [Outmoft Leg (veft) for warmth] \\
Starve. RJ.V. 5 - \\
Starveling, [Lean (augim.] \\
St arvoort. HF.III: 9. \\
Sea-HF. III. 10. \\
State. \\
General. \\
[Quality] \\
[Condition] \\
[Circumfances] \\
Extraordinary, [Solcmanty] \\
All together. T. VI. \(4 \cdot\) \\
Perfonal. \\
[Age] \\
\(\{\) Difpofition] \\
\{Temperament] \\
[Dignity] \\
[Degree] \\
\(\left\{\right.\) [p. of \(\left\{\begin{array}{l}\text { Nobility] } \\ \text { Geneility }\end{array}\right\}\) \\
Take-uppon him, [Arrogate, \\
[Revenues (aggre] \\
\(\{\) Right \\
[Poffefion] \\
Civil. RC. \\
the \(\rightarrow\), [Chief Migifrtres \\
(aggr.] \\
Eccleffiafticals. RE, \\
-of Religion-RE. III. \\
Stately. \\
[Noble] \\
[adj. Solemnity]: \\
[adj. Generofity] \\
\(\{\) Proted \(]\) \\
\{supercilious\} \\
Static, [adj. Mealuring (art; ] \\
Station, \(\left\{\begin{array}{l}\text { Refting i } \\ \text { Standing, }\end{array}\right\}\) ('place] \\
Stationary, [adj. Scanding] \\
Stationer, \(\{\) Paper \(\}\) \\
[adj. \(\{\) Book \(\}\) (Merc.] \\
Statue, [Image] \\
Statuary, [adj. Image (mech.] \\
Stature, [Height (manner] \\
Statute. \\
[Law] \\
Stave. \\
-a barrel, [Unbottom a b.] \\
-off, \(\left\{\begin{array}{l}\text { Off-keep] } \\ \text { a. Diftance }\end{array}\right]\) \\
rp. with ftaff.] \\
Stavesacre. HS. I. 4.A. \\
Stead. \\
as Succeffor. T. VI. 6. \\
as Subftiture. T. VI. 6. A. \\
in-of. Prep. II. I.A. \\
in no- \(\{\) Helpful] \\
[Nor 2 Ufefal] \\
Steadfaf.
\end{tabular} &  & \begin{tabular}{l}
Stay. \\
-in, [mto-faften] \\
- through, \(\left\{\begin{array}{l}\text { Prick } \\ \text { Stab }\end{array}\right]\) \\
- to \(\left\{\begin{array}{l}\text { adhere } \\ \text { v. Contant }]\end{array}\right.\) \\
-with Cloves, \&cc. [Lard \\
with \(\mathrm{cl} . \& \mathrm{c}\). \\
a-PP.I. 4. \\
Stickadove, [Caffidony] HF.VI.
5.A. \\
Stickle, \(\left\{\begin{array}{l}\text { Endeavour (augm.] } \\ \text { a. Bufinefs] } \\ \text { a. Interceffion] }\end{array}\right.\) \\
-back. Fi. IX. 13.A. Stiff. \\
Op, to Limber. Q V: \(6 . \dot{D}^{\circ}\). \\
-gale of mind. EI. VI. T. \\
[adj. Rigor]AC.IV. s.D. \\
[Stout] \\
Zealous] \\
[Rigid] \\
[Pertinacious] \\
necked. \\
\(\{\) Difobedient] \\
\(\{\) Contumacious] \\
Stifle. RJ. V. 6. \\
Stigmatize. .RJ. VI. G. A. \\
Stile, [Tranfverfe fepiment for \\
Still. over-p.ition] \\
[Calm] \\
[Gentle] \\
[adj. \(\left\{\begin{array}{l}\text { Silence } \\ \text { Taciturni }\end{array}\right.\) \\
\(\{\) Peaceable] \\
\{ adj. Quieting] \\
[adv. \(\left\{\begin{array}{l}\text { Permanence] } \\ \text { Perperviry }\end{array}\right]\) \\
[Yet] \\
[Diftill] \\
Stilborn, [Abortive] \\
Stilletto, [Short fword (dim.] \\
Stilts, [Leg-lengthning :fticks] \\
Stimulate, [a. Impulfive] \\
Sting. PP. V. s. A. \\
Stink, [a: Unfavorinefs] \\
Stint. \\
\{ Cohibit] \\
\{Limit \\
[Remit] \\
[Ceare'] \\
Bird. Bi. VII. 6. A. \\
Stipend, [Wages] \\
to-RO. VI. 4. A. \\
StipuLation, [Sponfion] \\
Stir. \\
[Move] \\
[Endeavour] - \\
[Provoke']
\[
\begin{aligned}
& -u p,\left[\begin{array}{l}
\text { a. Impulfive }] \\
\text { Troubles } \\
\text { Sedition }
\end{array}\right]
\end{aligned}
\] \\
Stirrop: Po. V. 8. A. \\
stitch. \\
Difeafe, [Cramp] \\
Pain, [Pricking] \\
[Sowing]
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\begin{tabular}{|c|c|c|}
\hline S T & ST & S U \\
\hline \begin{tabular}{l}
loofe- \\
yellow-HS. V. i 2. A. \\
Strike, \\
Proper. Mo. VI. 4. \\
\(\{\) Knock] \\
\(\left\{\begin{array}{l}\text { Pound } \\ \text { Peck }\end{array}\right]\) \\
\(\begin{cases}\text { Stab }\end{cases}\) \\
\{Caufe\} \\
2Move\} (imp.] \\
\(\{\) a. Downwadd \\
as Sail, \(\left\{\begin{array}{l}\text { a. Downwand } \\ \text { Fall (make] }\end{array}\right.\) \\
- bargain, [a. Rótioni: \\
-bliyd, [Blindi natke] \\
-a colour, [cauíe a c.] \\
-corn; [a. Even the furface] \\
Tp. by upon macion of \\
ftraghe fathing.] \\
- firé, [Cauforo'fparlae] \\
-beat, [Caufe ho] \\
-in, vid. Stricken.
\[
\begin{aligned}
& \left\{\begin{array}{l}
\text { Come } \\
\text { v. Friend } \\
\text { Bargain }
\end{array}\right\} \text { Suddenly] } \\
& {\left[\begin{array}{l}
\text { Stab }]
\end{array}\right.}
\end{aligned}
\] \\
- 0 f. \\
-account, \(\left\{\begin{array}{l}\text { Ballence] } \\ \text { Adquic] }\end{array}\right.\) \\
-ones beed, [Behcad] \\
-out. \\
[Spoil] \\
[Unwrite] \\
to the beart. \\
[a. Paffion (augiti.] \\
[Stab] \\
- \({ }^{2 p}\). \\
[Begin] (p. Mafic.] \\
[a. Paction] \\
-anes beeLs, [Fall (make] \\
fp. by wrefling」 \\
-with, vid. Stricken] \\
[Bufhel] \\
[Srick for 2. Even (make] \\
String. \\
[Cord] \\
[Pibre] \\
Strip. \\
[Un- Skin] \\
a. \(\{\) Clothe] \\
[a. Privative] \\
Stripe, [Stroke] \\
-ed, [Variegated with lines] \\
Stripling, 「adj. Adolefcence \\
Strive. \\
(male] \\
[a. \(\{\) Contention] \\
[a. ¿Emulation] \\
\(\left\{\begin{array}{l}\text { Endeavour (augm.] }\end{array}\right.\) \\
\{a. Diligence] \\
-againft, [Refift] \\
- for, [Obtain (end] \\
Stroy, [Deftroy] \\
Stroke.
\[
a-[\text { Striking }]
\] \\
bear a.great [adj. power] \\
to-[Wipe with hand] \\
Stromareus. Fi. III. I 5. \\
Strong. \\
- [adj. Strength] \\
-bold. RM. VI.
\end{tabular} & ```
;Strow, [Scatter]
Struck, vid. Stricken.
StruZure, [Building]
Struggle.
    [Wrefle]
    [Strive']
Strumpet, [adj. Fornication
            (fem.].
Strung, \(\left\{\begin{array}{l}\text { adji, a. pret.] } \\ \text { adj. p. }\end{array}\right\}\) String]
Strat.
    [Swell with fullnefs]
    [Stalk]
    [Go proudly]
Stub.
[Bottom (part) of fock]
[Fragment of flick]
Stubble.
    Stalk, [adj. p. refidue after
        reaping]
    - boofe, adj. Autumn fatted
        Goole]
Stubborn.
[Contumacious]
[Obftinate]
[Perverfe]
```

Stuck, $\left\{\begin{array}{l}\text { adj. } \\ \text { adj. p. pret. }\end{array}\right\}$ stick]
Stud, [Protuberance (dim.]
Student, [adj. a. Learning (end]
Study.
\{Edeavour]
2. Diligence $\}$
$\{$ Meditation.]
2. Confideratenefs]
Clofer, [adj. meditation
(room]
Studious, [adj. Study (apt.]
Stuff.
[Matter]
-of cloathing.
wollcn-Pr.IV. 1.
Flain-Pr.IV. 1.A.
[Utenfils]
[adj. Filling (ching]
to-[Fill by into-thrufting]
Stwm, [Wine not-adj. pret. Fer-
menting]
Stumble. Mo. II. s. A.
Stump.
[adj. Refidue \{ Cutting]
(part) after \{Felling\}
Stupidity.
[Dolnefs]
[-Numners] s.IV. G.A.
Op, to ceammen feofe. NP. II.
I. 0.
Stupifie, [adj, a.S Tupidity(make]
Stupor, [Nursnefs] S. IV. 6. A.]
Stuprate, [adj. an Fornication]
Sturid).
$\{$ Bold]
$\{$ valiant $\}$
[Obftinate]
[Strong]
Sturgeon. Fi. I. 8.
Stutter. AC. III. 2, ${ }^{\circ}$
Stygian, [adj. Hell]

 \& | of a flower. PP. II. 6 . |
| :--- |
| Styptic. |
| [Aftringent] |
| [adj. Acerbiry] |
| Su. |
| $\left\{\begin{array}{l}\text { Intreat } \\ \text { Petition }\end{array}\right\}$ |
| Petition] |
| for $\{$ Marriage, [a. Sutor] |
| for QPreferment, [a. Candi- |
| [in law, [a. Action] date] |
| Suafory, [adj. Perfuade] |
| Subaltern, [Inferior] |
| Subcentr ary, [Oppofite togethertrue (por.] |
| Subdeacon, [Next KE. II. under deacon] |
| Subdivide, [Parts] |
| [divide the \{ Species] |
| Subdue, $\left\{\begin{array}{l}\text { a. Viqory } \\ \text { Conquer }\end{array}\right]$ |
| Subdustion, [a. Ablatum] |
| Subjea. |
| op. to pred. D. II. s: |
| op, to adjunc. T. VI. I. |
| Liable,[adj.p.Subjea(pot.] |
| op. to.Governour. RC. I. I. O. |
| [adj. a. Subjeation] |
| [adj. a. $\begin{aligned} & \text { Obedience] } \\ & \text { Submiffion] }\end{aligned}$ |
| subjeftion. Man, V. s. |
| Subjoin, [Afrer-join] |
| subjunctive. |
| Subliming, |
| sublimation, $\}$ O. vi. 7 . |
| Sublime. |
| Sublimity, [Height] |
| Submifion. |
| [Humility] |
| [Subjection] |
| op. te conqueft. RM. II. 7. D. |
| $\{$ Ation. TA, IV. I. A. |
| $10\{$ Suffering. Man. V. 8. |
| Submif/ive, [adj. Submiffion] |
| Submit, [a. Snbmiffion] |
| Subordinate, [Inferior] |
| [ p . in Scries.] |
| Suborn. RJ.IV. 6.A. |
| Suborno Subpenas [Cidition with exprefs |
| threataing] |
| Snbfcribe. |
| [Under-write] |
| [Sign] |
| Sulfid, [Tax] |
| Subjdiary, \{ Adjuvant |
| [adj. \{Relieving] |
| Sublift. |
| [Being] |
| (P. Abrolute] |
| [p. Permanent] |
| [v. Sabftance] |
| [Maintain himfelf] |
| swbftance. |
| [Predicament. T. I. j. |
| [Matter] T. II. 7. |
| [Pofferfions] Po. |
| Subftantial. |
| [adj, Subftance] |
| [adj. p. matrer (perfet] |
| [Of fulfici- $!$ Wifdom] |
| ent [Poffeffions] | <br>

\hline
\end{tabular}

| S U | SU | SU |
| :---: | :---: | :---: |
|  |  | Sum. <br> -of mpary, [Money (aggr.] total-TM. VI. 6. A. <br> Swmach. Tr. III. 2.A: <br> Red-Sh. V. s.A. <br> Summary, [Episome] <br> - ly , [Briefly] <br> Summer. Mea, V.2. A. <br> [Principal beam] <br> Summer-\{ Leap] <br> Sault, 2 Vault] <br> Summon, [a. Citation] <br> Summum jus. Man. I. 2. O. <br> Sumner, [adj. Citation (Off.] <br> Sumpter, [adj. Riding (apt.) box] <br> Sumptnary; [adj. Spend] <br> Sumptroons. <br> [adj. $\left\{\begin{array}{l}\text { Spend } \\ \text { Price }\end{array}\right\}$ (augen.] <br> $S_{w n}$. <br> [Generous] <br> 'True. W.II. 2. A. <br> -Shine, [Brightners] <br> to- [Open to the Sun] <br> appearing-[Parelius] <br> Sunday, [Firft day of the week] <br> Sunder, [Separate] <br> Sundew. HL. VI. 8. A. <br> Sundry, [adj. Diverfity] <br> Sunfower, HF.II. I. <br> Sung, $\left\{\begin{array}{l}\text { a. pset. } \\ \text { adj. p. }\end{array}\right\}$ Sing $\}$ <br> Sunk, $\left\{\begin{array}{l}\text { a.pret. } \\ \text { adj. p. }\end{array}\right\}$ Sink] <br> Sup. <br> [Suction] <br> [Drink adv. Suction] <br> [adj. Evening meal] <br> Superabound, [more-abound] <br> Supercilioufnefs. Man. VI. 3.O. <br> Supereminence, [Superiority] <br> Supereroga-- tion, $\begin{aligned} & \text { a.good more-than } \\ & \text { duty] } \\ & \text { Deferve for 0- } \\ & \text { thers] }\end{aligned}$ <br> Superfetation, [Again-conception of impregnated (fem.] <br> Superficial. <br> [adj. Superficies] <br> $\{$ slight] <br> \{Carelefs] <br> Superficies. <br> Surface] <br> [Outfide] <br> Superfine, [Fine (augm.] <br> Superflui- \{ Excels] <br> ty, $\{$ Abundance] <br> Superinducing, [Again-marryjing of married (perfon] <br> Superintend. <br> [adj. p Office] <br> fp. to oblerve what others <br> Superintendent. do in their Offices] <br> [adj. Superintending (per[on) <br> [Bifhop] <br> Superiority. TM. I.s. E. Relation of-RO. III. <br> Superlative. |












| VE | VE | VI |
| :---: | :---: | :---: |
| Ventofity, [Wind (abitr.] | Vernifl, [adj. a. Verniming |  |
| Ventricle. | -ing. O.IV. 8. A. | \{2. Emulation] \{Provoke] |
| [Hollow (place] <br> [Sromach PG.VI. 4. | -ing. O. IV. 8. A. | [Provoke] <br> "More-a. wager] |
| Venture. | Part of Book. D. III. 2 | Vial. |
| [Danger] | [Var | [adj. Glafs bottle (dim.] |
| [Fortunc] | Versicle, [Ver | [adj. Mufic (inftr:) to be |
| [Eflay] | Ve | rounded with bow] <br> Viands, [Vituals] |
| [p. $\left\{\begin{array}{l}\text { iss danger } \\ \text { ones fortune }\end{array}\right]$ | Verfion, [Tranflation] | Vibrate, [Swing.] Mo. vi. 3. |
| $\text { at a } \frac{[\text { adr. }}{[\text { Eflaying }} \begin{aligned} & \text { its danger }] \\ & \text { ones fortune }] \end{aligned}$ | Vertebra. PG. IV. 3. A. Vertical. | Viburnum. Sh. I. g. Vicar. |
| Venturous. | [adj. Top] <br> - point, [Upper pole of the | [Depury] <br> Second (kind) Presbytor] |
| [Dangerous] <br> adj. Effaying (apr.) danger] | -point, [upper pole of the Horizon」 [adj. vertex. Ma: II, 2. | [Second (kind) Presbytor] Vice. <br> [Moral] Man. I. 0. |
| [Bold Rahh] | [adj. Vertex. Ma: II, 2. Vertiginous. | [Moral] Man. I. 0. <br> $\{$ Feign'd fool] |
| Venu. | [adj. vertigo] |  |
| $\left[\begin{array}{l} \text { Thrunt imp: } \\ \text { Srab (end } \end{array}\right.$ | -motion. O.I. 5. Vertigo. S. IV. 5. | [adj. Holding (mach.] <br> Vice-[inftead |
|  | Vertue. | Vicegerent, [Subftitute] |
| -comb. H | [Habit (pers.] | Viceroy, [Inftead-King] |
|  | infuled. Ha. | Vitiate. |
| -Looking elafe. HS. <br> -Shell. Ex. vil. 7 | acquilled. ${ }^{\text {intellual. }} \mathrm{Ha}$. VI. | [Unchaft (make] |
| Veracity. Ma | moral. Man. | [Mar] |
| Verb. D. II. 3 | RefSe8ing the body. Man. II. | Vicipity. |
| Verbal, [adj. Word] | Refpeding the ftate and digni- | [Neighborhood]! |
| Verbatim, Ladv. Word (regr | ${ }_{\text {ty. }}$ Man. MIII. | [Neerne/s] ${ }^{\text {d }}$ |
| Verbofity. [a. word (exc.] | Homiletical. | Vicoupt, [Nobleman of the fourth Degree] |
| [Loquacity] ${ }^{\text {cher }}$ ] | Man Velonging to fuperio | iffityde. |
| Verderer, fefor ad).Forret (On.) at- | -belonging to Inferior. | Alteration, adj, rurn] |
| Verdizt. | ${ }_{\text {Man. VI. }}$ | Vititim, [Sacrifice] |
| [Sentence] | Infruments of-Ha. II. | Villor, [adj. RM. II. E. |
| ${ }_{\text {Verdigrece. }}^{[\text {Opinion] Mex, IV. s }}$ | -Iffertions. of - | ViEfory, [adj. RM. II |
| Verdigreece. Mex, IV. 5 Verdure. | $\begin{aligned} & \text {-Intelleatual-Ha, } 11 \\ & \text {-Moral-Ha. III. } \end{aligned}$ | Viarry, [adj. RM. II. I. E. (thing] |
| [Green |  | get the-RM. II. I.E |
| [Vigor] | Verven. HS. V. 9. | Vitunaller, [adj. \{ |
| Verge. [Margin] [Capacity] | Vervels, [adj, Leg bonds of Hawk <br> Verule, [adj. Lamin ring] | Vifualling bouse, [Houre of adj. Vituals (merc.] |
| [Stick] | Voficle, [Bladder (dimp.」 <br> Vefpers, [adj.Evening worfhip] | Vituals. Pr. 1. <br> fall to bis-[Eat] |
| Vergins. Sp.ifore_adj. Walking | Veffel. |  |
| Very.] | General, Pr. V. <br> -of animal body, [adj. con- | $[\mathrm{a} \text { cy] PG. III. } 2$ [Oblerve] |
| sery | raining (apr.) hollow | [Examine] |
| [ fame] | ${ }^{\circ}$ (parts <br> Heterogeneous. PG. VI. | Vigilance. <br> Abftinence. Man. II. 4. |
| $\begin{aligned} & \text { (augan. } \\ & \text { STrue) } \end{aligned}$ | -Heterogeneous. PG. VI. <br> -Homageneous. PG.II. | Abftinence. Man. II. 4. [Heedfulnefs] |
| $\{$ Genuine] | [Ship] [Clothing] |  |
| in-dy.ed \}Adv. I. 2. O. | Veftry, [adj. Clothing (ropm] | [adj. p. Wake night before fe- |
| Vetifie. | $V$ efture, [Clothing] | ftival] |
| [.1. Truth (make] | Vetch. HS. II. 3. ${ }_{\text {bitter-HS }}$ | Viger, NP. V. 4. |
| [Perform] | $\begin{aligned} & \text { bitter-HS. II. 4. } \\ & \text { Crimfon grass-HS } \end{aligned}$ | $\text { Vigot. NP. V. } 4 \cdot$ Vile. |
| frm | hatched | [adj. Valor (dim |
| Ver | Kidney-HS. Ill. 3.A. | Sorry] |
| Verjuice. Pr. II. S. A. | Tribs wild-HS. İ. 6. |  |
| Vermin. | Veternus.S.IV. 2 | 2. Difrepea] |
| [Infects] | Vex. | [Contemn] |
| [p. Hurfful] <br> [Hartful Animals] | $\text { [a. }\left\{\begin{array}{l} \text { Angry } \\ \text { Grieved } \end{array}\right\} \text { (make] }$ | Village, [Houfes (aggr.] [Parifh] |
| Vernacular, [adj.anes $\left\{\begin{array}{l}\text { Nation } \\ \text { Tribe }\end{array}\right\}$ (place] | Moleft] | Villain. <br> Loweft degree of Commonal- |
| Vernal. <br> [adj. Spring] | vgh\{ $\left.\begin{array}{l}\text { Deformed } \\ \text { Indecent }\end{array}\right\}$ (augut.] | $\begin{aligned} & \text { ty, RC. I. } 8 . \\ & \begin{array}{l} \text { Sorry (perfon] } \\ \text { Sff } \end{array} \quad \text { [wicked } \end{aligned}$ |







| W A | W A | W A |
| :---: | :---: | :---: |
| $\begin{aligned} & \text { [Avoiding] } \\ & \text { [adj, a. Lofing] } \end{aligned}$ | $\left\{\begin{array}{l} \text { Wan, }\left\{\begin{array}{l} \text { Pale } \\ \text { Dead like } \end{array}\right\} \end{array}\right.$ | Warrener, [adj, Pak (Off.) of Rabbers] |
| [Diftance] | Wand. PP.I. 4. A. | Wharier, [Souldie |
| $\left[\begin{array}{l} \text { great }-[\text { Remore }] \\ \text { about, }[\text { Curve (augmi] }] \end{array}\right.$ | Wander. TA. VI. 3. A. Wane, [Decreafe] | Wart. S. IIf. S. |
|  | Wane, [Decreale] | Was, TAm having.b Wafb. O. V. G. |
| $\left.\begin{array}{c} \text { [vergency], } \\ \text { many-s, } \\ \text { vergent } \end{array}\right\}$ | [Have occafion moufe] Not have. TA. I. 5. O. [Not have enough] | -es. W.III. 6.A. <br> bog-[Broth for hoes] |
| Kind] | [Scarcity] | Wafp. Ex, IV. ${ }^{\text {-ibh, }}$ Moro |
| ner | $\{$ Defeat |  |
| [hed] | -bittle of [Almof.] | Waft. |
| $\text { Wail, [a. Sor-\{ } \begin{aligned} & \text { (Voice] } \\ & \text { rowign] } \end{aligned}$ | a-[Mole] Wantonnefs. | Girdleftead, [Middle (part) of trunk] |
| Wain. P. V. 1.A. <br> Wainfcot, [Wooden lining of a | Playwardners, NP. IV. 3. 0. [Unchaftiry] | -of 2 flip. RN. II. |
| Wainh Room] |  | Not- |
|  |  | -land. |
| y] TA |  | [Superfluous] |
| $\text { Stay, }\{\text { with }\} \text { on }$ |  | T0-Water. |
| Companion, [a. com- | Warbling, [Trem voice] |  |
|  |  | [B |
|  | en | $\left\{\begin{array}{l}\text { Mar] } \\ \text { Deftroy] }\end{array}\right.$ |
| $\begin{gathered} \text { 23 } \\ \text { Lay } \begin{array}{c} \text { pendent }] \\ \text { Servant, }[\text { a.Ser- } \\ \text { vamb }] \\ \text { a. Ambin }] \end{array} \end{gathered}$ | $\left\{\begin{array}{l} \text { Guard] RM. III 6.: } \\ \text { Guatch] RM. III. } 6 . \end{array}\right.$ | $\begin{aligned} & \text { Deftroy] } \\ & \text { [a. Ruine] } \\ & \text { Equal cort } \end{aligned}$ |
| Waits, [wakening Mufic.] <br> Waiward, \{Difingenairy] | [Together Guard [Imprifon | Wafocwe, [Thin adjTrunk(veft] <br> Waffuch; [adj. Squandering] <br> Watch. |
| Wake. awaken. | [Pupil] <br> Cavity 2 in the la- | [Wake] |
| $\left[\begin{array}{l} \text { End } \\ \text { Begin } \end{array}\right.$ | $\text { -of key, }\left\{\begin{array}{c} \text { Notch } \end{array}\right\} \begin{gathered} \text { ra the la- } \\ \text { min of } \end{gathered}$ | [as Vigilance] <br> [a. Heedfulaefs] |
| not-lieep. AC. II. 4. <br> [adj. p. Wake night before fe- | $\begin{aligned} & \text {-of a lock, [Curve (lamin) } \\ & \text { within L.] } \end{aligned}$ | $\{$ Oblerve] |
| fival] <br> [adj. Country feftival] | Warden, $\left\{\begin{array}{l}\text { adj, Keeping (Off.] } \\ \text { Magiftrate }\end{array}\right\}$ -tree, [Pear (kind] | - 2 Watch] <br> -for. [Exped waitins] |
| Wakeful, adj. p. wake (apt.] <br> [Vigilant] | Warder. <br> [adj. Keeping (Off.] | $a-[\text { a. Watch }]$ |
| Walk. | adj. \{ Guard \} (perron] | aching |
| pr. Mo. | $\{$ Watch $\}$ (perion] drobe, [adj. Keeping (Room) |  |
| fetch a [GGe for a walk] | of clothing] | dy of Places. RM.III. |
| as Ghoft, [appear] | - |  |
| Wak, [Ridge of threeds in cloth] | [adj. p. Sell (thing] <br> [a. Imperat-heedfuinefs]. | $\left\{\begin{array}{l} \text { adj. Word }(f i g n) ~ o f ~ \end{array}\right.$ |
| Wall. Po. III. 6. | Warfare, [War] | --word, time (fign) by |
| Sepiment] | Wariness. | word |
| [Rampier] | Heedfulners] | §Clock without Bell] <br> [adj. Pocket Clock] |
| [Partition] | [Refervednefs] | Zadj. Pocket Clock] Watcher [Blue (kind] |
| -creeper, [Woodpecker] of : long flender bill, about the | [Frugality] <br> Warlike [adj War] | Watcher, [Blue (kiod] Watebfuinefs. |
| long flender bill, about the bignefs of a Sparrow] | Warlike, [adj. War] Warm. | Watebfulinefs. (Vigilancen] |
| -eyed, [Whice cyed] | [Temperate] | [Heedfulnds] |
| -flower.HS.IV. I. A. | $\left\{\begin{array}{l} \text { Fierce (dim.] } \end{array}\right.$ | [Diligence] |
| -Loufe, [Punaire] Po. III. 6. -Nut.Tr.IV.I.A. | Zealous HFarn. RO. V.4.A | Water. <br> Element. El. III. |
| -Rue, [White Maiden hair] | - |  |
|  |  | [ucam |
| wort, [Danewort] | [Dired <br> [Bend] | , standing-[Pool] |
| [p. Open in the middle] | Warrant. ${ }^{\text {a }}$, |  |
| Walmur. Tr. IV. 1. Wallowing, Volutation] | [Written Com | in a-[adj. Swest |
| Wambling, [Volutation] | Warrants, [Paction for fafe |  |
| $\left\{\begin{array}{l} \text { Loathing } \\ \text { Averfation } \end{array}\right\} \text { (dim.] }$ | (make] <br> arren, [Park for Rabbets] | beetle. Ex. V. $\frac{1}{}$ <br> Chein, [Chain (dim.] |


| W A | W E | W E |
| :---: | :---: | :---: |
| Anorf $\left\{\begin{array}{l}\text { Scremm } \\ \text { Aqueduat }\end{array}\right]$ <br> -Purren, [Trench for drein] <br> -Fien, [Moortren] Mi.VIII.9. <br> -illy. <br> $\rightarrow$ man, [adj. Kowing (perfon] <br> -Nut <br> -Pepprer. <br> -Raile <br> -Rat <br> -Scorpion. Ex. I. 9.1 <br> -Shoot, [Barren branch (dim.] <br> -Snail. Ex. VII. 1. A. <br> -Spider. Ex. II. $4 \cdot$ <br> to- | -out, [Spoil by ufe] <br> -as clotbes, [r. Cloibing] <br> Pr.IV. <br> -in bis. pocket, [Carry] Mo. VI. I. <br> -as Ring, \&cc. [with P. Ornate] TM. II. 6. <br> a-[adj.Taking(mach.)of fim] Weary. <br> to-TA. V. 8.O. <br> -of [Sick of] adj. TA. V. 7.0. Wearifh taft, [Unfavory t.]. <br> Weafand, [Wind-pipe] PG.VI. <br> 1. A. <br> Weatber. <br> [Guelt Sheep] Be.II. 2. | -ankei, [Lift 1.$]$ <br> -down, [Depref's] <br> [Confider] <br> Weight. <br> Gravity. Q. V.4.E. <br> Meafure of. Mea.III. <br> Meafuring (inftr.) Mea. <br> III. A. <br> $\{$ Gold - $\}$ Weight per- <br> Standing-\} fectly equal] <br> [mportance] <br> Weigbry, [adj. Wcight] <br> Welk, [Periwinkle」 Ex. VII. <br> 6. A. <br> Wellin, [Sky] <br> well. |
| $\begin{aligned} & \text {-Cartle, [Drink (make) c.] } \\ & \text { - barden, [a. Wet (make) } \\ & \text { the furface with ——] } \\ & \text {-meat }\left\{\begin{array}{l} \text { in } \\ \text { [Soke } \\ \text { with } \end{array}\right\} \text { water] } \end{aligned}$ | Temperament of Air. El. VI. -Cock, [Shewing (jug.) of the vergency of the wind $\rightarrow$ blafs, [adj. Glafs (inftr.) <br> for fhew- $\{$ Hear \} of the ing \{Cold \} air] | $\begin{aligned} & \text { [adv. } \begin{array}{l} \text { Good] } \\ \text { Regular] } \\ \text { Sufficient] } \end{array} \\ & \text {-a day, Inr. II. 2. O. } \\ & \text {-advifed, [a. Confiderate] } \\ & \text {-beloved, [Loved] } \end{aligned}$ |
|  | to -one, [a. patiencc] <br> Weate. $\begin{aligned} & \text { cruve. O. V. } 2 . \\ & \text { - ing. } \end{aligned}$ <br> [adj. Weaving (mech.] | $\begin{aligned} & \text {-born\{l} \left.\begin{array}{l} \text { Noble } \left.\begin{array}{l} \text { Gentle } \end{array}\right\} \text { man } \\ \text {-come }\left\{\begin{array}{l} \text { Accepted (perf.] } \\ \text { adj. a. Deleđtation } \end{array}\right. \end{array}\right] \text { to-one. } \end{aligned}$ |
| Waterrißh Zadj. Water] <br> -blood, [Serous bloed] <br> -raft, Eadj. water (like t. <br> Wattle [ Weaving flicks | Web, [Woven (thing] <br> Cob-[Woven (thing) of Spider] <br> [White fpot in the eye] | [Joy.AS. VI. 6.(fign) for his coming ] <br> [Entertain (Perf.] <br> -fare, [Being (perf.] <br> -favoured, [adj. Decent] |
| (dim.) <br> [Gill] PG. V. 7. A. | Wed, [a. Marriage] Wedding, [adj. Marriage folem- | [fig.] |
|  |  |  |
| $\begin{aligned} & \text { [Ungo } \\ & \text { Undution ] } \\ & \text { Shaking (dimm } \\ & \text { Averlion] } \\ & \text { Avoiding] } \end{aligned}$ | $\begin{aligned} & \text { [Prifm] } \\ & \text { fp. for cleaving] : } \\ & \text { tof Silver. } \\ & \text { to in. } \end{aligned}$ | -now $\}$ Int. III. 2. 0. -topen - pafs, $[$ Rich (dim.] |
| Wacer. AS. IV. 4.0 | [In-thruft (augme] [p. by prifms | -wifhing ${ }_{\text {as }}^{\text {adj. F }}$ |
| Subft. El. III. 7. A. <br> ear-[Excrement of the ear] <br> to- | in-thrufted about it] <br> Wediock, [Marriage] <br> Wedneday, [4 $4^{\text {ra }}$ day ot the week] | a-W.1V. 3 . <br> Welt, [Margin] <br> [p. made by fowing] |
| [2. wax] | We. Prep.I. 1, A. Weed. | Welter, [v. Volutation] <br> Wen. S. III. s. |
| \{ inc.] <br> [Increare] | $\begin{aligned} & \text { [Sorry garment] } \\ & \text { [Herb] sünprofitable] } \end{aligned}$ | Wench. $\left[\text { adj. }\left\{\begin{array}{l} \text { Childhood } \\ \text { Adolefcence } \end{array}\right\}\right. \text { (fem.] }$ |
| $\begin{aligned} & {[\text { [v. Event] }} \\ & \text { Waze, [Wreath] } \\ & \text { sp. of Straw] } \end{aligned}$ | $\begin{aligned} & \text { \{p. \{ Unprofitable] Hurful] } \\ & \text {-ing. O.III. 3. At } \end{aligned}$ | [Sorry (fem.] <br> [adj. Fornication (fem.] <br> to-[a. Fornication] |
| Wealnefs. <br> [Impotence] <br> Fecbleneis, NP. V.7.O. <br> \&Reminfenefs] <br> $\{$ Deficiency] <br> Weale, $\left\{\begin{array}{l}\text { Being [perf.] }\end{array}\right.$ <br> Happinefs] | -of time. Mea. V.4.A. <br> -of Candle, [adj. p. flame (apt.) ftring (part] <br> Weel, [adj. Taking (machin) for fifh] <br> Weeld. | Went, [adj. pret.go] <br> Wept, [adj. pret, weep] Were. <br> [are having been] <br> ii-[It might be] <br> as it-Adv.IV.2.O. |
| Wealth. <br> [Riches] $\qquad$ <br> [adj. RC. (thing] ' <br> [Common pro(perity] <br> [Government by the people] |  | Weff. Sp. III. I. O. <br> Wet. Q. V. 2. E. <br> Whale. Fi. I, I. <br> -of the river, [Sheatifih] Fi. <br> VI. 6. <br> Wharf, [adj. River haven] |
| Wean, [Teach to abftain] <br> $\rightarrow a$ child, [Un-a. Cuckle Child] <br> Weapon. RM. V. 1. | Weeping. AC. IV. 3.O. Weefel. Be. IV. 7. A. Weevel. Ex. V.I.A. Weigh. | Wharfinger, [adj. Wharf (Off.] What. <br> $\left\{\begin{array}{l}\text { Interrog. Pron, IIL, 1, A. } \\ \text { Relative }\end{array}\right.$ Relative. Pron.III. 2. A. |
| Wear. $\left\{\begin{array}{l} \text { Leffen } \\ \text { Worfe } \\ \text { Decay } \end{array}\right\} \text { by ure] }$ | $\begin{aligned} & \text { v. mea. III. } \\ & - \text { with Balances. O. I. } 2 . \\ & {[\text { Be heary]v. Q.V. } 4} \end{aligned}$ |  |


|  | W H |  |
| :---: | :---: | :---: |
| -a poor jbift, [How forry 2 fhift] <br> Wheah <br> [Puftle] S. III. 1 . <br> -worm. Ex. II. 7. A. <br> Wheat. HL. II. I. <br> Buck-HF. I. 3. <br> Cow - <br> Indian-[Maiz] HL. II. 2. <br> Wheat-ear. Bi. V. $6 . A$. <br> Wheat-grafs. HL. III. 3. <br> Wheedle. <br> [adj. Fawning adv. Fraud] <br> Wheel. <br> Figure Mag. V. 3. A. <br> tn-[Vertiginate] <br> -about: $\left\{\begin{array}{l}\text { Turn] } \\ \text { Go in crooked } \\ \text { (Line) }\end{array}\right.$ <br> -of Cart, \&c. Po. V. 6. <br> -Barrow. [One whecl'd Cart] <br> to break on the-R]. V. 9. A. <br> Wheeze, [a. Afthma with found (augm.] <br> Whey. <br> [Serum] PP.I. 2. <br> Whelk. <br> [Puftle] S. III. s. <br> Whelm. <br> [Cover] (augm.] $\text { Whelp, }\left\{\begin{array}{l} \text { Dog } \\ \text { Lion } \\ \text { kc. } \end{array}\right\} \text { (yong] }$ <br> When. <br> [At what time] <br> [Whereas] Coni, IV. I. <br> Whence. <br> [From what place] <br> foever, [From whatfoever <br> Where. place] <br> What. <br> -by, [By what] <br> -in, [in what] <br> -of, [of what; <br> -to, [to what] <br> -as. Conj.IV. I. <br> -fore. Conj.III. 3. <br> [in what place] <br> - foerer, [In whatfoever place」 <br> any-[In any place] <br> every-Sp.II. 8. <br> no-Sp. II. 8. O. <br> Wherl 3 (adj. Vertigination <br> Whern $\}$ (jug.] <br> Wherret, [Striking] <br> fp. with hand]:s <br> Wherry, [Boat adj.p. row (apt.) <br> Whether. with 2 Oars] <br> -of the tupe [Who of the two] <br> $\{$ Affirm. Conj. 1. i: <br> $\{$ Negat. Conj. I. 1, O. <br> -or no. Conj. I. I. or Conj. I. 1.0. <br> Disjunative indefinite. Conj. II. 3. A. |  |  |
|  |  |  |
|  | $\text { point }\left\{\begin{array}{l} \text { adj. a. pri } \end{array}\right.$ | VVhirtle. Sh. III. 3. A. |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  | Which. <br> Interrog. Pron. III. I. A. |  |
|  |  |  |
|  | with |  |
|  | ink of acid whey] | $\mathrm{VVhit} \text {, [I.eail] }$ |
|  |  |  |
|  | ad | [Viadv. [ whole] |
|  |  |  |
|  |  |  |
|  | flort $\{$ ago tory] | ats, [adj. milk victu- |
|  |  | din |
|  | nean-[in the middle |  |
|  |  |  |
|  |  |  |
|  |  | poever, place] To whatfoever |
|  | $\text { to-off. }: \begin{aligned} & \text { a. Cundation] } \\ & \text { Delay] } \\ & \text { Protrat }] \end{aligned}$ | Bile on the finger prafs. |
|  |  | me) for pret. Defcenfion |
|  | rief | he Holy Ghoft] (mech. |
|  | VVbimz\%. | of Linen] |
|  | Conceitednefs ['thing] | Wbittle, [Cut (corr.] <br> $\omega$ 'd, [Drunk] |
|  |  |  |
|  |  |  |
|  | $\text { (dim.) }\{\text { grie }$ | Interrog. pro |
|  |  | So |
|  |  |  |
|  | [adj. hand (part) of Rud- | Total. TM |
|  | $\text { told }]$ |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  | Wom, id. Who. |
|  | bone, [Rone covering knee] | Whoop, [v. Exclamation (augm.] |
|  |  |  |
|  | ind. El, II | [adj. fornication (fert.] |


| W | - | W I |
| :---: | :---: | :---: |
|  | [Teftament] <br>  <br> (Fierce] <br> Pertinacious] <br> [adj. Difobedience (ipt.] <br> [Not-adj.p. $\left\{\begin{array}{l}\text { Perfwade } \\ \text { Diffuade }\end{array}\right\}$ (apt.] <br> Willingnefs. <br> [Will (abftr.] <br> [Spontaneiry] <br> [Alacrity] <br> Willow. <br> Tree. Tr. VI.g. <br> Herb. <br> Codded-HS.IV.3. <br> Spiked-Sh. V. I. A. <br> Wimble. [adv. P. Vertigination Boring (inftr.] <br> Wimple. <br> Win. <br> $\left\{\begin{array}{l}\text { Obtain } \\ \text { Gain }\end{array}\right]$ <br> -a Viėory, [a. victory] <br> \{Take] <br> \{Conquer\} <br> $\{$ Perfwade] <br> \{ Allure\} <br> Wince, [Strike with heels] <br> Winch, [adv. Ver-\{ $\left.\begin{array}{l}\text { Pulling } \\ \text { tiginated } \\ \text { Scruing }\end{array}\right\}$ tiginated $\left\{\begin{array}{c}\text { Scruing } \\ \text { (machin] }\end{array}\right.$ <br> Wind. <br> Proper. EI. II. 40 <br> - fall, $\left\{\begin{array}{l}\text { Fall } \\ \text { [adj. p. }\end{array}\right\}$ <br> [p. by wind] <br> -flower, [Anemony] HF. <br> IX. 3. <br> -mill, [Mill adj. p. operation (make) by the wind] <br> Side-[Oblique-] <br> Whirl-El. II. 4. A. <br> SAir (augm,] <br> Vapor] <br> \&Fume] <br> -gall. <br> -in rbe gats, [Colic] <br> [Breath] <br> -pipe. PG. VI. 1. 1. <br> fetch-[a. Relpiration] <br> $\left.\begin{array}{l}\text { long } \\ \text { Rort }\end{array}\right\}$ —ed] <br> [Sent] <br> is in the-of [Difcover (inc.] <br> -a born, [a. found h.] <br> [fmell] [p. (inc.] <br> [v.Crooked] |  |


|  |  |  |
| :---: | :---: | :---: |
|  |  | Wool. PP. VI. I, A. <br> Word cloth. Pr. IV 1 . <br> Proper. D. M. <br> $\left.{ }_{i}^{\text {ar }}\right\}$ \}a-[Briefly] <br> in-only, [adv. Hypocrifie] <br> by-of mouth, [adv. prefens <br> [peaking] <br> by-[Proverb (corr.] <br> [Watchword] <br> [Narration] <br> bring 25 5. 2 <br> fend $\}\{$ f. \}. \}[Narration] <br> Work. <br> [Promite] <br> \{a. action] <br> [V. efficient] <br> make--\{ $\left\{\begin{array}{l}\text { a. Efficient more: } \\ \text { operation] } \\ \text { Do 2dj. muft. } \\ \text { done (things }\end{array}\right]$ <br> [2. Mechanic] <br> [p. for Ornatenefs] <br> [Embroider] <br> [Ferment] <br> [adj. p. work [thing] <br> [Book] <br> Worleman, [adj. Work (per[on] Ip. (perf; ] <br> - Mip; [Work] <br> World. [p. (perf.) <br> The Univerfe of Creatures.W. <br> The Globe of earth and warers. W. II. 7. <br> The earth. W:III. <br> a-of [adj. Multitude (aug.] <br> Worldy. <br> [adj world] <br> [adj. Scraping]. <br> Woridigng $\left\{\begin{array}{l}\text { Gracelefs } \\ \text { Selfifh } \\ \text { Covetous }\end{array}\right\}$ (perfón] <br> Worm. <br> Infect. <br> bear-Ex.III. 8. A., <br> belly-Ex. I. 1. A. <br> blain <br> cburr-[Evechurr] Ex. II. 2.A. <br> earth-Ex.I. 1. <br> Gally- <br> palmer-Ex.III. 8.A. <br> Silk-Ex. III. 6. A. <br> Skipping-Ex. IIT. 7. <br> Wheal-Ex. II. 7. A. <br> [Spiral Pin] <br> Wormfeed. <br> Treacle-HS IV. 13. <br> Wormivood. Sh. V. 3. <br> Worn, $\left\{\begin{array}{l}\text { adj. a. pret. } \\ \text { adj. p. }\end{array}\right\}$ Wear] <br> Worry, [Shake in teach] <br> Worfe. TM. I. 6.D. |


| WO | W R | YE |
| :---: | :---: | :---: |
| Worplop. $\quad \|$[Hurt by violently extend- <br> ing] |  |  |
|  |  |  |
| ation. RE,IV. |  |  |
|  |  |  |
|  | [Genteman (kind] -fram. |  |
| Wort. | [From-take by wrefing] | d. |
| [Moft evil] | VVrefile. Mo. ${ }^{\text {Extart }} 6$. | Seil_RN. ${ }^{\text {Stick] }}$ |
| -pert. TM. VI. I. O. | VVretch, [adj. wretchednefs | [3 foot] |
| [Overthrow] |  |  |
| Wapled. <br> Fine threeds of Wool] | Wretcbednes [Mifery] | [Coart] Po. III. 3. <br> FG. VI. 8. (mate) |
|  |  |  |
|  |  |  |
| $\text { beer }\} \text { [nor yet fermented] }$ | [Oblique] Crooked] | $\left[\begin{array}{l} \text { rarrow. } \\ \text { rawn. Mo. Iff. } 6 . \end{array}\right.$ |
| Worth <br> - \{Worthinefs\} <br> Excetience | -neck, [Woodpecker (kind] adj. holding (freq.) his head adr. oblique] | Tea. <br> affirmat. Adv. I. \&. [Rather] Adv. II. |
| [Valor] | riegle. | Yee, Pron. ${ }_{\text {L }} 2$ |
| [Price] - us Reptils. Mo. I. 6. Yeeld. |  |  |
| Wortbinefs. TM. IV. 6. IV. 4. |  |  |
| Worthlefs, [Sorry] Wote, [Know] |  |  |
| Wroen, [adj. P. Weave] Wrinct, vid. WVrencb. . -Fruit, [a. Fruit] |  |  |
|  |  |  |
| -god, [I wifh] | (p. | [ Grant] D. VI. 3.O |
|  | -from one. <br> [From take viole | $\begin{cases}\text { Affent } & \text { As. II: } 3 . \\ \text { Confers } & \text { D. VI. } \\ \text { g. }\end{cases}$ |
|  |  |  |
| hurt. S. I. 2. [Extort]. $\quad$ as Prifoner. RM. II. 6. D. |  |  |
|  |  |  |
| adj. P. |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
| [a. Contention] [p. in words] Fold] | VVrong. <br> [Irregular] <br> $\{$ Evil | Teer. Mea. V. <br> in-s [Old] adj. Mes. VI. 4 - |
|  |  |  |
| -about, [About fold] | $\{$ Injury $\}$ in the- [adj. erring] | Tell, [Exclaim] Yellowp. Q.II. 2. A. |
| her-fold ] | $\begin{aligned} & \text { in the_-adi. erring] } \\ & \text { VVroth, vid.VVrath. } \end{aligned}$ | rellow. Q.II. 2. A. |
| [Cover by folding] <br> [Tangle] <br> Ya. Obfarre] | $V V_{\left.\text {rought }\left\{\begin{array}{l}\text { adj. a } \\ \text { adj. p. pret. }\end{array}\right\} \text { work] }\right]}$ | -bammer. Bi. IV. 2 . ${ }^{\text {- }}$ (youn] |
|  |  |  |
| Wreath ${ }_{\text {[Twift }}$ |  |  |
|  |  | Yern, [adj. p. Motion] |
| ïrec [Perform] |  |  |
| Wreck, [Execute]:-Wren. Bi. VI. 3. |  |  |
| Wrench. <br> [Violent- extend] |  |  |
|  |  |  |
| $\begin{aligned} & \text { Iy [open] } \\ & \text { fp. by liffing] } \end{aligned}$ |  | $\left\{\begin{array}{l}\text { Before } \\ \text { rill }\end{array}\right\}$ chis time ] . |


$<$
$\cdots \frac{N}{8}$
2. -
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令

n

$+$

-


[^0]:    Nat. Hifl 1.70

[^1]:    De Origine

[^2]:    \{MATTER-ial, Stuff, subfance, Argument, subject, Boot as fre-boot, \&c.
    9. FFORM-al, EJjence. $^{\text {E }}$ a

[^3]:    - NECESSITY, needful, requifite, effential, Jould, muft, freight,

    8. $\{$ exigent, force, perquifte, pref/ing. (CONTING ENCE, Venture, adventure, may, Accident, peradventure, adventitious, fortuitows, incident, bappen, perbaps. 6.Thole
[^4]:    MITTranferen:
    1II. Tranfcendental Relations of DISCONTINUED:. QUANTITY Relations of or Number, may be diftributed into fuch as are either
    (Comparative; denoting either a greater or lefer number then ordinary.
    SMULTITUDE, many, numerows, a morld of, milliply, increafe, propagate, fore, fwarm, thick, prefs, crowd throng, rout.
    <FEWNESS, Pancity, decreafe, fmall number, tbin, diminifhing.
    Pofitive; concerning the
    Number of things, whether
    S One, or mare then one.
    2. SINGULARITY, Individnal, numerical, fingle.
    2. 2 PLURALITT, more
    some or All.
    SPARTICULARITY, fpecial, peculiar.

    - ¿UNIVERSALITT, Generality, Catholick, Oecumenical, utmoft. Kinds of things, whether One kind, or All kinds.
    SSPECIALNESS, peculiar, particular.

    4. ¿GENERALNESS, All.

    Parts of which number confifts, whether Equal or Unequal Units. SEVENNESS; Parity,
    5. ¿ODNESS; Imparity, uneven.

    Pofition of things numbred, denoting their

    - f Being in a ftate of Separation from others, or in a ftate of conjun-
    " Clion with feveral others.
    SEGREGAT ENESS, fever, fet apart or afide, Analyfs, Ana-
    tomy, piece-meal, by retail, dijpence, diftribute, one by one, Parcels, by pole.
    AGGREGATENESS, Train,Troop, Company,Party, Scull,Swarm,
    'Tsam, Flock, Heard, Pack, Covy, Sheaf, Bale, Bundle, Fardle, Bunch, clufter, Grofs, by the great.
    Order, belonging either to Things, or to Words.
    , SERIES, Rank, Row, Clafs, fucceffive, Chain, Courfe, Race, collateral, Concatenation, Alpbabet.
    Catalogve, Index, Table, Lift, Role, Bill, Scrole, Terrier, a particular, Cargo, Inventory, Muffer, impannel, Genealogy, Pedigree, Vocabulary, Didfionary, Lexicon,. Nomenclator, Almanack, Calendar.
    Parts of an aggregate being all togetber. 8. ȘUIT, Pack, Set, Me/s, a Ring.

[^5]:    $\mathrm{F}_{2}$
    V. Tran-

[^6]:    . SCITATION, Quotation, tefimonies, alledge.

    - \{ALLUSION, Glance.

[^7]:    SSPOTTED SANICLE.
    4. ZINDENTED SENGREEN.

    Sanicuila gnia:
    tata.
    Sodxm forisi:
    Narrow leaves; growing in dry places: the Greater or the $\begin{gathered}\text { summ. } \\ \text { Sdam }\end{gathered}$ Ieffer.
    5. $\begin{aligned} & \text { STONE CROPP: } \\ & \text { WALL PEPPER. }\end{aligned}$

    Small round leaves; the ftalk proceeding from the middle or Center of it, bearing a Jpike of forall flowers.
    6. NAVELWORT, Wall-pennywort,

    Ombilicus Vis.
    Marine; growing in foll places, whofe léaf is cylindrical, theanes of moxiol. it being ufed in making of Glafs.
    7. GLASSWORT.
    cilio

[^8]:    4. SLIGNUM NEPHRITICUM.
    5. \{ROSEWOOD.
[^9]:    | \More then fourteenfeet; || whether that whole body is of a more com10. $\{$ SCOLOPENDER. : : (preffed : or a more ronnd figure.

    Scolopondras.
    Fulces.

[^10]:    Crama ma-
    rina.
    Aranea cru-
    facea.

[^11]:    5. $\left\{\begin{array}{l}\text { PLAIS. } \\ \text { FLOUNDER, Fluke. }\end{array}\right.$

    Paffer.
    Pafor niger.

